## **FACULTY OF ARTS & SOCIAL SCIENCES**

## **SYLLABUS**

## FOR

## **B.A. Women Empowerment**

(Three Years Degree Course) (Semester: I-VI) Examinations: 2019-20



# GURU NANAK DEV UNIVERSITY AMRITSAR

- Note: (i) Copy rights are reserved. Nobody is allowed to print it in any form. Defaulters will be prosecuted.
  - (ii) Subject to change in the syllabi at any time. Please visit the University website time to time.

# SCHEME OF COURSE Semester-I

Paper		Theory	Practical	Total Marks
Ι	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	*ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
	**Punjab History & Culture			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment	100		100
	(Compulsory) (Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)			100
VI	***Drug Abuse: Problem, Management and Prevention	50		50
	(Compulsory)			
	Total:			400

Note :- 1. \*Special Paper in lieu of Punjabi compulsory

2. \*\*For those students who are not domicile of Punjab
 3. \*\*\*This Paper marks are not included in the total marks.

## Semester-II

Paper		Theory	Practical	Total Marks
Ι	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	*ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
	**Punjab History & Culture			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment	100		100
	(Compulsory) (Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)			100
VI	***Drug Abuse: Problem, Management and Prevention	50		50
	(Compulsory)			
	Total:			400

Note :- 1. \*Special Paper in lieu of Punjabi compulsory 2. \*\*For those students who are not domicile of Punjab

## Semester-III

Paper		Theory	Practical	Total Marks
T	$\mathbf{F} = \frac{1}{1} \cdot \frac{1}{1} \cdot (\mathbf{C} - \frac{1}{1} - \frac{1}{1}) \cdot (\mathbf{C} - \frac{1}{1} - \frac{1}{1} \cdot \frac{1}{1} \cdot \mathbf{C} - \frac{1}{1} \cdot \frac{1}{1} \cdot \frac{1}{1} \cdot \mathbf{C} - \frac{1}{1} \cdot \frac{1}{$	50		
1	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	*ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
	**Punjab History & Culture			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment (Compulsory)	100		100
	(Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)	80	20	100
	Total:			400

Note :- 1. \*Special Paper in lieu of Punjabi compulsory 2. \*\*For those students who are not domicile of Punjab

## Semester-IV

Paper		Theory	Practical	Total
		•		Marks
Ι	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	*ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
	**Punjab History & Culture			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment	100		100
	(Compulsory)(Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)	80	20	100
	***ESL-221 Environmental Studies (Compulsory)			
	Total:			400

Note :- 1. \*Special Paper in lieu of Punjabi compulsory 2. \*\*For those students who are not domicile of Punjab 3. \*\*\*This Paper marks are not included in the total marks

## Semester-V

Paper		Theory	Practical	Total
		-		Marks
Ι	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment	100		100
	(Compulsory)(Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)			100
	Total:			400

## Semester-VI

Paper		Theory	Practical	Total
		•		Marks
Ι	English (Compulsory) (Common for B.A./ B.Sc.)	50		50
II	Punjabi (Compulsory) (Common for B.A./ B.Sc.) /	50		50
	ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)			
	(Common for B.A./ B.Sc.)			
III	Political Science (Compulsory) (Common for B.A./ B.Sc.)	100		100
IV	Women Empowerment	100		100
	(Compulsory)(Common for B.A./ B.Sc.)			
V	Any one of the following options :-			
	(i) Sociology (Common for B.A./ B.Sc.)			100
	(ii) Economics (Common for B.A./ B.Sc.)			100
	(iii) History (Common for B.A./ B.Sc.)			100
	(iv) Psychology(Common for B.A./ B.Sc.)	75	25	100
	(v) Computer Science (Common for B.A./ B.Sc.)	75	25	100
	(vi) Philosophy (Common for B.A./ B.Sc.)			100
	Total:			400

### PAPER-I ENGLISH (COMPULSORY)

## **Time: 3 Hours**

#### Max. Marks: 50

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **Texts Prescribed:-**

- 1. Tales of Life (Guru Nanak Dev University, Amritsar) Stories at Sr.No.1, 2, 3, 5 and 6
- 2. *Prose for Young Learners* (Guru Nanak Dev University, Amritsar) Essays at Sr. No. 1, 2, 3, 5 and 6
- 3. English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP

#### The syllabus is divided in four sections as mentioned below.

#### SECTION-A

English Grammar in Use, 4th Edition by Raymond Murphy, CUP (Units: 1-37)

#### **SECTION-B**

Paragraph Writing and English Grammar in Use (Units: 38-48)

#### SECTION-C

Tales of Life (Guru Nanak Dev University, Amritsar): Stories at Sr. No. 1, 2, 3, 5 and 6

#### **SECTION-D**

Prose for Young Learners: Essays at Sr. No. 1, 2, 3, 5 and 6

## PAPER-II Punjabi (Compulsory) ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

## ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪਸ਼ਨ ਪੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- 3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

## ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

## ਸੈਕਸ਼ਨ - ਏ

ਦੋ ਰੰਗ (ਕਵਿਤਾ ਭਾਗ) (ਸੰਪਾ. ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਅਤੇ ਪ੍ਰੀਤਮ ਸਿੰਘ ਸਰਗੋਧੀਆ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ। (ਲੇਖਕ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ /ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੁ)

#### ਸੈਕਸ਼ਨ - ਬੀ

ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿੱਧ ਹਸਤੀਆਂ (ਜੀਵਨੀ ਨੰ: 1 ਤੋਂ 9 ਤੱਕ) (ਸੰਪਾ. ਪ੍ਰਿੰ. ਤੇਜਾ ਸਿੰਘ, ਹਰਨਾਮ ਸਿੰਘ ਸ਼ਾਮ), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ। (ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਨਾਇਕਬਿੰਬ)

#### ਸੈਕਸ਼ਨ - ਸੀ

- (ੳ) ਪੈਰ੍ਹਾ ਰਚਨਾ (ਤਿੰਨ ਵਿਚੋਂ ਇਕ)
- (ਅ) ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪਸ਼ਨਾਂ ਦੇ ਉੱਤਰ।

#### ਸੈਕਸ਼ਨ - ਡੀ

- (ੳ) ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ : ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ–ਭਾਸ਼ਾ ਵਿਚ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ–ਚਿੰਨ੍ਹ।
- (ਅ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ : ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ

## PAPER-II Mudhli Punjabi ਮੁੱਢਲੀ ਪੰਜਾਬੀ

(In lieu of Compulsory Punjabi)

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

## ਅੰਕ–ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ।
- ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

#### ਪਾਠ–ਕ੍ਰਮ

## ਸੈਕਸ਼ਨ-ਏ

ਪੈਂਤੀ ਅੱਖਰੀ, ਅੱਖਰ ਕ੍ਰਮ, ਪੈਰ ਬਿੰਦੀ ਵਾਲੇ ਵਰਣ ਅਤੇ ਪੈਰ ਵਿਚ ਪੈਣ ਵਾਲੇ ਵਰਣ ਅਤੇ ਮਾਤ੍ਰਵਾਂ (ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ) ਲਗਾਖਰ (ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ) : ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ

#### ਸੈਕਸ਼ਨ–ਬੀ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ : ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ (ਸਾਧਾਰਨ ਸ਼ਬਦ, ਸੰਯੁਕਤ ਸ਼ਬਦ, ਮਿਸ਼ਰਤ ਸ਼ਬਦ, ਮੂਲ ਸ਼ਬਦ, ਅਗੇਤਰ ਅਤੇ ਪਿਛੇਤਰ)

#### ਸੈਕਸ਼ਨ–ਸੀ

ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ : ਬਾਜ਼ਾਰ, ਵਪਾਰ, ਰਿਸ਼ਤੇ-ਨਾਤੇ, ਖੇਤੀ ਅਤੇ ਹੋਰ ਧੰਦਿਆਂ ਆਦਿ ਨਾਲ ਸੰਬੰਧਤ।

#### ਸੈਕਸ਼ਨ–ਡੀ

ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਂ, ਬਾਗ਼੍ਹਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕ ਤੋਂ ਸੌ ਤਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿਚ

## PAPER-II Punjab History & Culture (From Earliest Times to C 320) (Special Paper in lieu of Punjabi compulsory) (For those students who are not domicile of Punjab)

## **Time: 3 Hours**

#### Max. Marks: 50

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

- 1. Physical features of the Punjab and its impact on history.
- 2. Sources of the ancient history of Punjab

## **SECTION-B**

- 3. Harappan Civilization: Town planning; socia, economic and religious life of the Indus Valley People.
- 4. The Indo-Aryans: Original home and settlements in Punjab.

#### SECTION-C

- 5. Social, Religious and Economic life during *Rig* Vedic Age.
- 6. Social, Religious and Economic life during Later Vedic Age.

#### SECTION-D

- 7. Teachings and impact of Buddhism
- 8. Jainism in the Punjab

#### **Suggested Readings:**

- 1. L. M Joshi (ed.), *History and Culture of the Punjab*, Art-I, Patiala, 1989 (3rd edition)
- 2. L.M. Joshi and Fauja Singh (ed.), History of Punjab, Vol.I, Patiala 1977.
- 3. Budha Parkash, *Glimpses of Ancient Punjab*, Patiala, 1983.
- 4. B.N. Sharma, Life in Northern India, Delhi. 1966.
- 5. Chopra, P.N., Puri, B.N., & Das, M.N.(1974). A Social, Cultural & Economic History of India, Vol. I, New Delhi: Macmillan India.

#### 11

#### **B.A. (Women Empowerment)** Three Years Degree Course (Semester-I)

#### PAPER-III POLITICAL SCIENCE

## PRINCIPLES OF POLITICAL SCIENCE

#### Max. Marks: 100

## **Instructions for the Paper Setters:-**

Time: 3 Hours

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

- Political Science: Meaning, Nature and Scope, Traditional & Modern View.
   Relationship of Political Science with Economics, History, Sociology and Psychology.

#### **SECTION-B**

- State: Definition, Elements and its distinction from Government and Society.
- 2. Theories of the Origin of State: Social Contract, Historical/Evolutionary and Marxian Theory.

#### SECTION-C

- 1. State: Liberal, Marxian and Gandhian Views of State.
- 2. Welfare State: Concept and Functions of Welfare State

#### SECTION-D

- Sovereignty: Definition, Attributes and Types of Sovereignty. 1.
- Theories of Sovereignty: Monistic and Pluralistic. 2.
- 3. Electorates and Electoral Systems.

#### **Recommended Books:-**

- J. C. Johari, Principles of Political Science, SterlingPublishers, New Delhi. 1.
- 2.3.
- 4.
- J. C. Johari, *Principles of Political Science*, SterlingPublishers, New Delhi. S.P. Verma, *Political Theory*, Geetanjali Publishing House, New Delhi. A.C. Kapur, *Principles of Political Science*, S. Chand & Company, New Delhi. E. Asirvatham, *Political Theory*, S. Chand & Company, NewDelhi. M.P. Jain, *Political Theory*, Authors Guild Publication, Delhi, (Punjabi & Hindi). David Easton, *The Political System*, Scientific Book Agency, Calcutta. D.C. Bhattacharya, *Political Theory*, Vijay Publishing House, Calcutta. O.P. Gauba, *An Introduction to Political Theory*, MacmillanIndian Ltd., New Delhi. 5.
- 6.
- 7.
- 8.
- 9. Satish Kumar Sharma, Adhunik Rajnitik Vishleshan, Publication Bureau. PunjabiUniversity, Patiala.
- Andrew Heywood, An Introduction to Political Theory, New Delhi, Palgrave Publications, 10. 2004.
- Aeon J. Skoble and Tibor R. Machan, Political Philosophy, Ist Edition, New Delhi, 11. Pearson, 2007.
- 12. John Hoffman & Paul Graham, Introduction to Political Theory, Pearson, 2007.
- 13.
- Catriona Mckinnon, *Issues in Political Theory*, Oxford, 2009. R.C Varmani, *Understanding Political Theory: Concepts and Issues*, Gitanjali, 2011. Andrew Heywood, *Key Concepts in Politics*, Palgrave, 2011. ------, *Politics*, Palgrave, 2013. E Asirvatham & K.K Mishra, *Political Theory*, S. Chand, 2012. N.D Arora, *Introduction to Political Theory*, Har-Anand, 2012 P. Phermana, *Political Theory*, An introduction, Pageron 2013. 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- R.Bhargava, *Political Theory : An introduction*, Pearson, 2013 Anthony H.Birchi, *The concepts and Theories of Modern Democracy*, Routledge, 2013 Hoveyta Abbas & Ranajay Kumar, *Political Theory*, Pearson, 2012 20.
- 21.
- S.P.Verma, *Modern Political Theory*, Vikas, 2005.
   David Heft, *Political Theory and the Modern State*, Worldview, 1998

#### PAPER-IV WOMEN EMPOWERMENT

## WOMEN AND SOCIETY: AN OVERVIEW

## Time: 3 Hrs.

Max. Marks: 100

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

## Gender and Feminism

- 1. Gender, gender equality and patriarchy.
- 2. Feminism and Struggle for women's equality throughout the world: West and Asia.

## **SECTION-B**

## **Status of Women: Historical Perspective**

- 1. Status and Position of Women in History: Women in Ancient, Vedic and Post Vedic period.
- 2. Status of women in pre-independence period and Social Reforms before and after independence.

## SECTION-C

#### Women, Society and Human Rights

- 1. Universal Declaration of Human Rights and Women Rights.
- 2. Gender issue and Indian Constitution.
- 3. Struggles for Gender Equality: Society, reforms and laws in India.

## SECTION-D

#### Status of Women in Punjab

- 1. Status of women in Punjab: History with particular reference to Sikh Scriptures.
- 2. Status of women in Punjab: Contemporary Issues.

#### PAPER-V Opt.(i) SOCIOLOGY FUNDAMENTALS OF SOCIOLOGY–I

## **Time: 3 Hours**

## Max. Marks: 100

### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

- a) **Sociology:**Meaning, Nature, Scope and Importance.
- b) Sociology and Social Sciences: Psychology, Economics, Political Science and History.

### **SECTION-B**

a) Basic Concepts: Society, Community, Institution and Association

#### SECTION-C

a) **Social Groups:** Definition, Characteristics and Types– Primary & Secondary, In group and Out group, Reference Groups.

#### SECTION-D

a) **Socialization:** Meaning, Processes, Agencies and Theories of self (C.H.Cooley, Sigmund Freud).

## **Recommended Readings:-**

- 1. Ahuja, Ram. 1993, Indian Social System. Jaipur: Rawat Publications.
- 2. Abraham, M. Francis. 2006, *Contemporary Sociology*. New Delhi: Oxford University.
- 3. Bottomore, T.B.S. 1972, *Sociology*, Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala.
- 4. Davis, Kingsley. 1971, *Human Society*, Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala.
- 5. Gisbert, Pascual. 1969, Fundamentals of Sociology. Bombay: Orient Longmans.
- 6. Haralambos, Michael and Robin Heald. 2013, *Sociology: Themes and Perspectives*. New Delhi: Oxford University Press.
- 7. Jayaram, N. 1988, Introductory Sociology. Madras: Macmillan.
- 8. Johnson, H.M. 1995, Sociology: A Systematic Introduction. New Delhi: Allied Publishers.
- 9. Kapila, S. 1989, A Text Book of Sociology, Part-I & II. Jalandhar: New Academic House.
- 10. Kapila, S. 2001, Fundamentals of Sociology, Vol. I. Panchkula: Kapila Publishers.
- 11. Koening, Samuel. *Sociology, An Introduction to the Science of Society*. Punjabi Translation by Baldev Singh, Publication Bureau, Punjabi University, Patiala.
- 12. Kaur, Swinderjit.2014, General Samaj Vigyan. Jalandhar: New Academic Publishing.
- 13. Macionis, John.J and Ken Plumer. 2014, *Sociology: A Global Introduction*. London: Pearson.

## PAPER-V Opt.(ii) ECONOMICS

## MICRO ECONOMICS

**Time: 3 Hours** 

Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

**Introductory:** Definition of Economics, Adam Smith, Marshall, Robbins, Nature and Scope of Microeconomics. Basic Economic Problems.

Demand Function; Supply Function, Price Determination, Slope and Elasticity (Concepts), Elasticity of Demand – Price, Income and Cross. Measurement of price elasticity of demand. Utility Analysis, Indifference Curve Analysis and Revealed Preference Analysis (Meaning and Equilibrium).

#### **SECTION-B**

**Theory of Production and Costs:** Concept of Production Function. Laws of Returns to Scale and Law of Variable Proportions.

**Cost:** Traditional Theory, Concepts and Costs curves in the short and in the long run. Revenue Curves and their relationship with elasticity of demand.

## SECTION-C

**Market forms:** Perfect Competition; Assumptions, Price and output determination of firm and Industry in Short run and Long run; Monopoly: Assumptions, Equilibrium. Monopolistic Competition: Assumptions.

#### SECTION-D

Factor Pricing: Marginal Productivity Theory and Modern Theory of Distribution.Rent: Concept; Ricardian Theory and Modern Theory of Rent.Interest: Concept of interest; classical theory, loanable funds theory.Profit: Concept of profit; Risk and uncertainity theories.

#### **Recommended Texts:**

1. R.G. Lipsey: Introduction to positive economics, EL BS, London, 1969.

- 2. Stonier & Hague: A Text book of Economics Theory, 9th ed., ELBS, London, 1973.
- 3. Paul Samuelson: Economics, Mcgraw Hill, Kogakushad, Tokyo, 1973.
- 4. N.C. Ray: Microeconomic Theory, Macmillan, Delhi, 1975.
- 5. D. Salvatore: Microeconomics.
- 6. Koutsoyiannis: Modern microeconomics.

## PAPER-V Opt.(iii) HISTORY

#### **HISTORY OF INDIA UPTO C. 1000**

**Time: 3 Hours** 

Max. Marks: 100 Theory-6 periods/Week

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### Section-A

- 1. **Sources:** Meaning of the term 'ancient', Literary sources Vedic literature, Epics and Puranans, Buddhist and Jain texts, Sangam literature; Accounts of Indians and foreigners; Archeological Sources; Coins, Inscriptions and Monuments.
- 2. **The Indus Civilization:** Origin; Harappa and Mohenjodaro; Political organization; Town–planning and architecture; Agriculture, technology; Trade contacts with the outside world; Religion; Script, Seals and Figurines, Causes of disintegration.

#### Section-B

- 3. **The Indo Aryans:** Original home; Geographical area known to Vedic texts; Social Institutions: Family, Varna and the Caste system, Religious ideas and rituals; Economy; Political Organization—Changes in the later Vedic period; Emergence of the republics and kingdoms; Growth of towns.
- 4. **Jainism and Buddhism:** Social and political conditions; Doctrines of Jainism and sectarian development; Teachings of Gautam Buddha; The Sangha organization; Spread of Buddhism; its decline, Legacy of Buddhism and Jainism.

#### Section-C

- 5. **The Age of the Mauryas:** Establishment of the Mauryan Empire; Expansion of the empire; the Kalinga War; Polity and administration; Contacts with neighbouring states; Ashoka's Dhamma; Decline of the Mauryan empire.
- 6. The Kushanas: Kanishka and his successors; Ghandhara Art; Literature. The Gupta Age: Establishment of the Gupta Empire; its expansion under Samundragupta and Chandragupta–II; Administration; Revenue system; Trade and Commerce; Art and architecture; The Huna invasions and the decline of the Gupta Empire.

#### Section-D

- 7. The Age of the Vardhanas: Establishment of Vardhana kingdom; Harsha's campaigns and political relations; Sources of revenue; Patronage of religion, Literature and education.
- 8. **The Cholas:** Establishment of the Chola power; Extent of the Chola empire; Administration; Economy; Trade, Art and Architecture religion and Philosophy.The Rajputs: Origins; Polity and administration; Social and Religious life; Literature and art.

## **Suggested Reading**

- 1. Basham, A.L., Wonder that was India, Fontana, London, 1977.
- 2. Jha, D.N., Early India: Concise History of India, Manohar Publication, 2010
- 3. Sharma, R.S., India's Ancient Past, Oxford University Press, New Delhi, 2005
- 4. Thapar, Romila, *Early India : From Origins to AD 1300*, Penguin publication, New Delhi, 2003.

#### PAPER-V Opt.(iv) PSYCHOLOGY

## **BASIC PSYCHOLOGICAL PROCESSES-I**

Time: 3 Hours Pass Marks: 35% of the subject (Theory and Practical Separately) Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION -A**

**Nature:** Psychology as a Science, Historical background of Psychology with brief Introduction to Schools (Structuralism, Functionalism, Psychoanalysis, Behaviourism, Gestalt and Humanistic) **Methods:** Introspection, Observation, Experiment, Case Study, Interview and Questionnaire

#### **SECTION -B**

**Testing and Assessment:** Nature and Uses of Psychological Tests, Characteristics of Good Psychological Tests, Types of Psychological Tests (Verbal & Non–verbal Tests, Individual & Group Tests, Speed & Power Tests, Paper & Pencil and Performance Tests, Essay & Objective Type Tests), Ethical Issues in Psychological Testing

#### **SECTION-C**

**Learning:** Introduction to Learning, Nature and Characteristics of Learning, Types of Learning (Verbal and Non-verbal), Theories of Learning (Thorndike, Pavlov, Skinner and Kohler)

#### **SECTION -D**

**Intelligence:** Concept and Nature, Intelligence Theories (Spearman, Thurstone, Gardener and Sternberg), Concept of Emotional Intelligence, Nature and Nurture Issue in Intelligence

**Statistics:** Introduction to Parametric and Non-Parametric Statistics, Descriptive and Inferential Statistics, Frequency Distributions, Graphical representation of Data, Meaning and Characteristics of good Measure of Central Tendency, Measures of Central Tendency: Mean, Median, Mode with their Merits and Demerits

## **References:**

- Benjamin, Jr. L.T., Hopkings, J.R. & Nation, J.R. (1987). *Psychology*. Mcmillan Publishing Company, New York.
- Chaplin, J.R. &Kraiwic, T.S. (1985). Systems and Theories of Psychology. Holt, Rinehart and Winston, Inc., New York.
- Crooks, R.L. &Strin, J. (1988). Psychology; Sciences: Behaviour and Life. Holt Rinehart and Winston, Inc., New York.
- Morgan, G.T., King, P.A., Weisz, T.R. &Schopler, J. (1999). *Introduction to Psychology*. Mcgraw Hill Book Co., New York.
- 5. Baron, R.A. (1996). *Psychology*. New Delhi: Prentice Hall of India.
- 6. Carlson N.R. (2007). Foundation of Physiological Psychology. Pearson Education, New Delhi.
- 7. Aron (2007). Statistics for Psychology. Pearson Education, New Delhi.

#### PSYCHOLOGY

## (PRACTICAL)

Marks: 25

#### **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (5 Marks), performance and viva–voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

## Five Practicals have to be performed out of the following:

- 1. Serial Positioning effect in Verbal Learning
- 2. Verbal/ Non verbal Test of Intelligence
- 3. Performance Test of Intelligence
- 4. Maze Learning
- 5. Comparison of Free & Serial Learning
- 6. Emotional Intelligence

#### PAPER-V Opt.(v) COMPUTER SCIENCE COMPUTER FUNDAMENTAL & PC SOFTWARE (THEORY)

Time: 3 Hours 4 Hours/week Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

- 1. Introduction to computer and its uses: milestones in hardware and software. Batch oriented/Online/real time application.
- 2. Computer as a system: basic concepts: stored programs, functional units and theirinterrelation: communication with the computer.
- 3. Data storage devices and media: primary storage: storage addressed, and capacity, type of memory: secondary storage; magnetic tape data representation and R/W: magnetic disc, fixed & removable, data representation and R/W, floppy disc drives, Winchester disc drive, conventional disc drives, Data organization, Compact Disc.

#### **SECTION-B**

- 1. Input/Output devices: Key-tape/diskette devices, light pen mouse and joystick, source data automation (MICR, OMR, and OCR), screen assisted data entry; portable/hand held terminals for data collection, vision input system.
- 2. Printed output: Serial, line, page, printers; plotters, visual output; voice response units.

#### SECTION-C

Introduction to Windows based operating system and Desktop icons

#### SECTION-D

#### **MS–Office:**

Introduction to Word, Introduction to Parts of Word Window (Title Bar, Menu Bar, Tool Bar, The Ruler, Status Area), Page Setup, Creating New Documents, Saving Documents, Opening an Existing documents, insert a second document into an open document, Editing and formatting in document, Headers and Footers, Spell Checking, Printing document, Creating a Table Using the Table Menu and table formatting, Borders and Shading, Templates and Wizards, Mail Merge

#### **MS Power Point:**

Introduction to MS Power point, Power point elements, Templates, Wizards, Views, Exploring Power Point Menu, Working with Dialog Boxes, Adding Text, Adding Title, Moving Text Area, Resizing Text Boxes, Adding Art, Starting a New Slide, Starting Slide Show, Saving presentation; Printing Slides, Views (View slide sorter view, notes view, outlines view) Formatting and enhancing text formatting, Creating Graphs (Displaying slide show and adding multi-media)

## **COMPUTER SCIENCE**

## (PRACTICAL)

## 2 Hours/week

Marks: 25

## Practical based on Computer Fundamental & PC Software

Windows, MS Word, Power Point,

## **References:**

- 1. R.K. Taxali: Introduction to Software Packages, GalgotiaPublicaions.
- 2. MS–Office Compiled by SYBIX
- 3. MS–Office BPB Publications.
- 4. Introduction to Computer by P.K. Sinha
- 5. Windows Based Computer Courses by Gurvinder Singh &Rachpal Singh, Kalyani Publishers.

## PAPER-V Opt.(vi) PHILOSOPHY

## ELEMENTARY PHILOSOPHY

Time: 3 Hours Lectures to be delivered: 6 per week Max. Marks: 100

Pass Marks 35%

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

1. An Introduction to Philosophy: Definition, Meaning, Nature, Scope and Importance.

2. Introduction to the Branches of Philosophy: Metaphysics, Epistemology, Asthetics and Ethics.

3. Relation of Philosophy with Religion.

#### **SECTION-B**

- 1. Human Rights: Definition, Nature, Scope and Types.
- 2. Social Problems: Casteism and Gender Discrimination.
- 3. World Peace: Problems and Solution.

#### **SECTION-C**

- 1. Guru Nanak: Sangat, Pangat and Sarbat da Bhala.
- 2. Vivekanand: Humanism.
- 3. M.K. Gandhi: Ahimsa and Satyagrah.

## SECTION-D

- 1. Culture: Definition and Components
- 2. Civilization: Definition and Components.
- 3. Culture and Civilization: Relation and Differences.

## **Recommended Readings:-**

## **English Books**

- 1. Anand, Amaladass, Introduction to Philosophy, Satya Nilayam Publication, Chennai, 2001.
- 2. Chandra., U., Human Rights, Allahabad Law Agency, Allahabad. 2000.
- 3. Jacques, Martain, An Introduction to Philosophy, New York: Sheed & ward, London, 1962.
- 4. Lal, B.K., Contemporary Indian Philosophy, Motilal Banarsidas, Delhi, 1978.
- 5. Mackenzie, J.S., Outlines of Social Philosophy, Allen and Union, London, 1963.
- 6. Narvane, V.S., Modern Indian Thought: A Philosophical Survey, Asia, Bombay, 1967.
- 7. Robert and Beck, Handbook of Social Philosophy, 1969.
- 8. Teja Singh, Sikhism; Its Ideals and Institutions, Khalsa Brothers, Amritsar, 1970.
- 9. Titus, H.H., *Living Issues in Philosophy*, Eurasia, New Delhi, 1968.
- 10. Wingate, Alan, Human Rights, Comment and Interpretation, UNESCO, 1949.

## Punjabi Books:-

- 1. ਸਹਿਰਾਈ, ਪਿਆਰਾ ਸਿੰਘ (ਸੰਪਾ.), *ਸਮਾਜਵਾਦ ਤੇ ਮਨੁੱਖੀ ਅਧਿਕਾਰ*, ਨਵਯੁੱਗ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ।
- 2. ਖਲਿਆਬਿਚ.ਆਈ, *ਦਰਸ਼ਨ ਦੀ ਇਤਿਹਾਸ ਰੇਖਾ*, ਨਵਯੱਗ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ।
- 3. ਗੁਰਜੀਤ ਸਿੰਘ, *ਸਭਿਆਚਾਰ ਦਾ ਫਲਸਫਾ*, ਪੰਜਾਬੀ ਯਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- 4. ਜੋਸ਼ੀ, ਜੀਤ ਸਿੰਘ, *ਸਭਿਆਚਾਰ : ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ*, ਵਾਰਿਸ ਸ਼ਾਹ ਫਾਉਂਡੇਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
- 5. ਵਜ਼ੀਰ ਸਿੰਘ, *ਫਲਸਫਾ ਤੇ ਸਿੱਖ ਫਲਸਫਾ*, ਮਦਾਨ ਪਬਲਿਸ਼ਰਜ਼, ਪਟਿਆਲਾ, 1980.

#### Hindi Books:-

- 1. ਗੌਤਮ, ਐਸ.ਪੀ. (ਡਾ.), *ਸਮਾਜ ਦਰਸ਼ਨ*, ਹਰਿਆਣਾ ਸਾਹਿਤ, ਅਕਾਦਮੀ, ਪੰਚਕੁਲਾ।
- 2. ਸਿਨਹਾ, ਹਿੰਮਤ ਸਿੰਘ (ਡਾ.), ਸੰਸਕ੍ਰਿਤ ਦਰਸ਼ਨ, ਹਰਿਆਣਾ ਸਾਹਿਤ ਅਕਾਦਮੀ, ਪੰਚਕੁਲਾ।

24

#### **B.A. (Women Empowerment)** Three Years Degree Course (Semester-I)

## **Drug Abuse: Problem, Management and Prevention**

#### **PROBLEM OF DRUG ABUSE**

#### **Time: 3 Hours Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

**Meaning of Drug Abuse:** Meaning, Nature and Extent of Drug Abuse in India and Punjab.

#### SECTION-B

#### **Consequences of Drug Abuse for:**

Individual:	Ĕduca	ation, Employment, Income.
Family	:	Violence.
Society	:	Crime.
Nation	:	Law and Order problem.

#### SECTION-C

#### **Management of Drug Abuse:**

Medical Management: Medication for treatment and to reduce withdrawal effects.

#### SECTION-D

Psychiatric Management: Counselling, Behavioural and Cognitive therapy. Social Management: Family, Group therapy and Environmental Intervention.

#### **References:-**

- Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur. 1.
- Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004. 2.
- 3.
- 4.
- 5.
- Inciardi, J.A. 1981. *The Drug Crime Connection*. Beverly Hills: Sage Publications. Kapoor. T. (1985) *Drug epidemic among Indian Youth*, New Delhi: Mittal Pub. Kessel, Neil and Henry Walton. 1982, *Alcohalism. Harmond Worth:* Penguin Books. Modi, Ishwar and Modi, Shalini (1997) *Drugs: Addiction and Prevention*, Jaipur: Rawat 6. Publication.
- National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004. 7.
- Ross Coomber and Others. 2013, Key Concept in Drugs and Society. New Delhi: Sage 8. Publications.
- Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal 9. Publications.
- 10. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
- 11. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
- 12. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and Cessation,
- Sussman, S and Anles, S.L. (2008). Drug Abuse. Concepts, Trevention and Cessation, Cambridge University Press.
   Verma, P.S. 2017, "Punjab's Drug Problem: Contours and Characterstics", Economic and Political Weekly, Vol. LII, No. 3, P.P. 40-43.
   World Drug Report 2016, United Nations office of Drug and Crime.
   World Drug Report 2017, United Nations office of Drug and Crime.

Max. Marks: 50

## PAPER-I ENGLISH (COMPULSORY)

## **Time: 3 Hours**

## Max. Marks: 50

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **Texts Prescribed:**

- 1. Tales of Life (Guru Nanak Dev University, Amritsar) Stories at Sr. No. 7, 9, 10, 11, 12
- 2. Prose for Young Learners (Guru Nanak Dev University, Amritsar) Essays at Sr. No. 7, 8, 9, 10, 11
- 3. English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP (Units: 49-97)

## The syllabus is divided in four sections as mentioned below.

## SECTION-A

English Grammar in Use, 4th Edition by Raymond Murphy, CUP (Units: 49-81)

## **SECTION-B**

Personal letter Writing and English Grammar in Use (Units: 82-97)

## SECTION-C

Tales of Life (Guru Nanak Dev University, Amritsar) 7, 9, 10, 11, 12

## SECTION-D

Prose for Young Learners (Fourth Edition) by Raymond Murphy, CUP 7, 8, 9, 10 and 11

## PAPER-II Punjabi (Compulsory) ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ: 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

## ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈਂਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

## ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

## ਸੈਕਸ਼ਨ - ਏ

ਦੋ ਰੰਗ (ਕਹਾਣੀ ਭਾਗ) (ਸੰਪਾ. ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਅਤੇ ਪ੍ਰੀਤਮ ਸਿੰਘ ਸਰਗੋਧੀਆ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ। (ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਲੇਖਕ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ)

#### ਸੈਕਸ਼ਨ - ਬੀ

ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿੱਧ ਹਸਤੀਆਂ (ਜੀਵਨੀ ਨੰ: 10 ਤੋਂ 18 ਤੱਕ) (ਸੰਪਾ. ਪ੍ਰਿੰ. ਤੇਜਾ ਸਿੰਘ, ਹਰਨਾਮ ਸਿੰਘ ਸ਼ਾਮ), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ। (ਵਿਸ਼ਾ/ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

#### ਸੈਕਸ਼ਨ - ਸੀ

- (ੳ) ਸ਼ਬਦ–ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ–ਰਚਨਾ : ਪਰਿਭਾਸ਼ਾ, ਮੁਢਲੇ ਸੰਕਲਪ।
- (ਅ) ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ

## ਸੈਕਸ਼ਨ - ਡੀ

- (ੳ) ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ
- (ਅ) ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ

## PAPER-II Mudhli Punjabi ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)

ਸਮਾਂ: 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

## ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- 3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

#### ਪਾਠ-ਕ੍ਰਮ

### ਸੈਕਸ਼ਨ-ਏ

ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ : ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ (ਨਾਂਵ, ਪੜਨਾਂਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਸਬੰਧਕ, ਯੋਜਕ ਅਤੇ ਵਿਸਮਿਕ)

#### ਸੈਕਸ਼ਨ–ਬੀ

ਪੰਜਾਬੀ ਵਾਕ ਬਣਤਰ : ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ (ੳ) ਸਾਧਾਰਨ ਵਾਕ, ਸੰਯੁਕਤ ਵਾਕ ਅਤੇ ਮਿਸ਼ਰਤ ਵਾਕ (ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ) (ਅ) ਬਿਆਨੀਆ ਵਾਕ, ਪ੍ਰਸ਼ਨਵਾਚਕ ਵਾਕ ਅਤੇ ਹੁਕਮੀ ਵਾਕ (ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ)

#### ਸੈਕਸ਼ਨ-ਸੀ

ਪੈਰ੍ਹਾ ਰਚਨਾ ਸੰਖੇਪ ਰਚਨਾ

#### ਸੈਕਸ਼ਨ–ਡੀ

ਚਿੱਠੀ ਪੱਤਰ (ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀ) ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ

## PAPER-II Punjab History & Culture (C. 320 to 1000 B. C) (Special Paper in lieu of Punjabi compulsory) (For those students who are not domicile of Punjab)

## **Time: 3 Hours**

Max. Marks: 50

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

- 1. Alexander's Invasion and its Impact
- 2. Punjab under Chandragupta Maurya and Ashoka.

## SECTION-B

- 3. The Kushans and their Contribution to the Punjab.
- 4. The Panjab under the Gupta Empire.

#### SECTION-C

- 5. The Punjab under the Vardhana Emperors
- 6. Socio-cultural History of Punjab from 7<sup>th</sup> to 1000 A.D.

## SECTION-D

- 7. Development of languages and Education with Special reference to Taxila
- 8. Development of Art & Architecture

## **Suggested Readings**

- 1. L. M Joshi (ed), *History and Culture of the Punjab*, Art-I, Punjabi University, Patiala, 1989 (3<sup>rd</sup> edition)
- 2. L.M. Joshi and Fauja Singh (ed.), *History of Punjab*, Vol.I, Punjabi University, Patiala, 1977.
- 3. Budha Parkash, *Glimpses of Ancient Punjab*, Patiala, 1983.
- 4. B.N. Sharma: Life in Northern India, Delhi. 1966.

## PAPER-III POLITICAL SCIENCE

## **MODERN POLITICAL THEORY**

## **Time: 3 Hours**

#### Max. Marks: 100

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

- 1. Political System: Meaning, Characteristics and Functions.
- 2. Political Culture: Meaning, Characteristics and Types.
- 3. Political Socialisation: Meaning, Characteristics and Agencies.

#### **SECTION-B**

- 1. Rights and Duties: Meaning, Types and Relationship between the Two.
- 2. Universal Declaration of Human Rights.
- 3. Environmental Protection: Issue and Efforts.

#### SECTION-C

- 1. Liberty: Meaning, Types and its Safeguards.
- 2. Equality: Meaning, Types and Relationship between Liberty and Equality.
- 3. Justice: Meaning and its various Dimensions.

## SECTION-D

- 1. Democracy: Meaning, Characteristics and Types.
- 2. Theories of Democracy: Liberal, Marxian and Elitist Theory.

#### **Recommended Books:-**

- 1. J. C. Johari, *Principles of Political Science*, Sterling Publishers, New Delhi.
- 2. S.P. Verma, *Political Theory*, Geetanjali Publishing House, New Delhi.
- 3. A.C. Kapur, *Principles of Political Science*, S. Chand & Company, New Delhi.
- 4. E. Ashirvatham, *Political Theory*, S. Chand & Company, New Delhi.
- 5. M.P. Jain, *Political Theory*, Authors Guild Publication, Delhi, (Punjabi & Hindi).
- 6. David Easton, *The Political System*, Scientific Book Agency, Calcutta.
- 7. D.C. Bhattacharya, *Political Theory*, Vijay Publishing House, Calcutta.
- 8. O.P. Gauba, An Introduction to Political Theory, Macmillan Indian Ltd., New Delhi.
- 9. Satish Kumar Sharma, *Adhunik Rajnitik Vishleshan*, Publication Bureau, Punjabi University, Patiala.
- John–Hoffman and Paul Graham, *Introduction to Political Theory*, New Delhi, Pearsons, 2006.
- 11. Andrew Heywood, An Introduction to Political Theory, New Delhi, Palgrave Publications.
- Aeon J. Skoble and Tibor R. Machan, *Political Philosophy*, 1<sup>st</sup> Edition, New Delhi, Pearson 2007.
- 13. Catriona Mckinnon, Issues in Political Theory, Oxford, 2009
- 14. R. Bhargava, Political Theory : An Introduction, Pearson, 2012
- 15. N.D Arora, Introduction to Political Theory, Har Anand, 2012
- 16. R.C Vermani, Understanding Political Theory: Concepts and Issues, Gitanjali, 2011
- 17. Anthony H. Birch, The Concepts and Theories of Modern Democracy, Routlege, 2013

## PAPER-IV WOMEN EMPOWERMENT

## WOMEN INEQUALITY: SOCIAL, POLITICAL AND ECONOMIC ASPECTS

## Time: 3 Hrs.

Max. Marks: 100

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

#### **Women Inequality: Social Aspects**

- 1. Women Inequality and Violence: Discriminations, Sexual Harassment, Child Marriage, Dowry, Abortion, Traffiking, Rape and Acid throwing.
- 2. Social Issues Related to Women and Practice of Inequality: Health, Female Foeticide, Female Infanticide.

## **SECTION-B**

#### **Women Inequality: Economic Aspects**

- 1. Women and Economy: Poverty and inclusive growth.
- 2. Women in Formal Sector: Information Technology and Industry.
- 3. Women in Informal Sector: Domestic workers and unpaid labour.

## SECTION-C

#### **Women Inequality: Political Aspects**

- 1. Political Movement in Pre Independence and Post Independence period and Women Participation
- 2. Women Rights and Judiciary in India.

#### SECTION-D

#### Women Inequality and Women Movements in India

- 1. Women's Movements and Struggle for Women's Rights: Role of state, women groups and economy.
- 2. Women Activism, Protests and Civil Society.

## PAPER-V Opt.(i) SOCIOLOGY

## FUNDAMENTALS OF SOCIOLOGY-II

#### **Time: 3 Hours**

#### Max. Marks: 100

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

- a) Social Structure: Meaning, Characteristics, Elements- Norms and Values, Status and Roles.
- b) Culture: Meaning, Elements and Cultural lag.

#### **SECTION-B**

- a) Social Stratification: Meaning and Forms.
- b) Social Mobility: Meaning, Types and Causes.

## SECTION-C

- a) Social Control: Meaning and Significance.
- b) Agencies of Social Control- Formal: Law. Informal: Folkways and Mores.

## SECTION-D

a) Social Disorganization: Meaning and Forms: Corruption, Crime and Terrorism.

## **Recommended Readings:-**

- 1. Ahuja, Ram. 1993, Indian Social System. Jaipur: Rawat Publications.
- 2. Abraham, M. Francis. 2006, Contemporary Sociology. New Delhi: Oxford University.
- 3. Bottomore, T.B.S. 1972, *Sociology*. Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala.
- 4. Giddens, Anthony. 2006, Sociology. Cambridge: Polity Press.
- 5. Gisbert, Pascual. 1969, Fundamentals of Sociology. Bombay: Orient Longmans.
- 6. Haralambos, Michael and Robin Heald. 2013, *Sociology: Themes and Perspectives*. New Delhi: Oxford University Press.
- 7. Jayaram, N. 1988, *Introductory Sociology*. Madras: Macmillan.
- 8. Johnson, H.M. 1995, Sociology: A Systematic Introduction. New Delhi: Allied Publishers.
- 9. Kapila, S. 1989, A Text Book of Sociology, Part-I & II. Jalandhar: New Academic House.
- 10. Kapila, S. 2001, Fundamentals of Sociology, Vol. I. Panchkula, Kapila Publishers.
- 11. Macionis, John.J and Ken Plumer. 2014, Sociology: A Global Introduction. London: Pearson.
- 12. McGee, Reece et al. 1977, Sociology-An Introduction. Hindale: Reinehart and Winston.
- 13. Oommen, T.K and C.N Venugopal. 2010, *Sociology*. Lucknow: Eastern Book Company.

#### **PAPER-V Opt.(ii)**

#### **ECONOMICS**

#### MACROECONOMICS

## Time: 3 Hours

#### Max. Marks: 100

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

Distinction between Micro and Macro Economics; Determination of Income and Employment : Classical and Keynesian models; Say's Law of Market and aggregate demand and aggregate supply.

Consumption functions; average (short-run and long run) and marginal propensity to consume; static and dynamic multipliers.

## SECTION-B

**Investment:** Meaning, Demand schedules and factors affecting investment decision. Marginal Efficiency of Capital. Accelerator, multiplier-accelerator interaction.

Trade cycles-meaning, characteristics and phases. Samuelson and Hicks Models of trade cycles.

#### **SECTION-C**

**Money:** Its functions and role. Money and Capital Markets (Introductory). Quantity Theory of Money. Fisher's and Cambridge's equations. Liquidity preference theory. **Banking:** Definitions of banks. Credit creation and credit control.

#### **SECTION-D**

Inflation: Concept, Causes and cures. Inflation-unemployment Trade-off (only Phillips' contribution).

**Macroeconomic Policies:** Fiscal policy – meaning, objectives and instruments. Monetary policy – meaning, objectives and instruments.

#### **Recommended Texts:**

- 1 Shapiro, E. Macroeconomic Analysis, Harcourt, Brach and World, New York, 1978.
- 2 Dernaburg, T.F. and MC Dougall D.M., Macroeconomics : the Measurement, Analysis and Control of Aggregate Economic Activity, McGraw-Hill, Kogakusha, Tokyo, 1972.
- 3 Gupta, S.B. Monetary Economics : Institutions, Theory and Policy, S. Chand, New Delhi, 2000.

## PAPER-V Opt.(iii) HISTORY

#### HISTORY OF INDIA (C. 1000–A.D.1707)

### **Time: 3 Hours**

#### Max. Marks: 100

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

- 1. The Conquests of the Ghaznavis and Ghauris: Invasions of Mahmud Ghaznavi; their effects, Battles of Muhammad Ghauri, Causes of the success of the Turks.
- 2. Establishment of the Sultanate of Delhi: Political and military development under Qutabuddin Aibak, Iltutmish and his successors; Consolidation of the Sultanate under Balban and the Mongol invasions.

#### **SECTION-B**

- 3. The Khiljis: Emergence of the Khiljis under Jalaluddin and Alauddin Khilji; Alauddin's conquests, the Mongol invasions; Treatment of the nobility; Land revenue reforms; Economic reforms. The Tughlaqs: Muhammad–bin–Tughlaq; His experiments; Causes of disaffection and revolts; Feroze Tughlaq; Administrative and economic policies and their effects; Taimur's Invasions.
- 4. **The Vijaynagar Kingdom:** Establishment and expansion; Polity, Economy and Administration; Art and Architecture.

## SECTION-C

- 5. **Mughal–Afghan Struggle (1526–1556):** Advent of the Mughals under Babur; Battle of Panipat and its aftermath; Battle of Kanwaha, Battles of Humayun; expansion of the Afghan power under Sher Shah Suri, Administrative reforms; return of Humayun.
- 6. Re-establishment and expansion of the Mughal Empire under Akbar: Conquests, extent of empire, Religious policy, Rajput policy. Expansion and Decline under Akbar's Successors : Jahangir and Mewar; North-western campaigns; Extension of influence over the Deccan; Conquest of Ahmednagar by Shah Jahan; Rise of Aurangzeb to power.

#### **SECTION-D**

- 7. The Mughal Government, Administration and Culture: Position of the King: Central and local administration; Land revenue system; Mansabdari; Jagirdari; State policy towards agriculture, Trade and Commerce, Literature, Art and Architecture and Culture.
- 8. The establishment of Maratha Power: The rise of Shivaji, Maratha administration, Land revenue system; Chauth and Sardeshmukhi.

## **Suggested Reading**

- 1. Chandra, Satish, History of Medieval India, Orient Black Swan, Hyderabad, 2007
- Chandra, Satish , *Medieval India*, Vol. I & II, Har- Anand Publication Pvt. Ltd. New Delhi, 2010
- 3. Mehta, J.L. *Medieval Indian Society and Culture (Advanced Study in the History of Medieval India,* Vol. III), Sterling Publication, New Delhi, 2009
- 4. Rizivi, S.A.A., The Wonder That Was India-II (1200-1700), Picador India,
- 5. Mahajan, V.D., Medieval India, S. Chand and Publication, New Delhi, 2010

#### **PAPER-V Opt.(iv)**

#### PSYCHOLOGY

#### BASIC PSYCHOLOGICAL PROCESSES-II (THEORY)

Time: 3 hours

Pass Marks: 35% of the subject (Theory and Practical Separately)

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

### SECTION-A

Neuron (Structure and Functions), Synapse and Types of Synapse, Resting and Action Potentials, Nervous System (Central, Peripheral and Autonomic), Glands (Endocrine and Exocrine)

#### **SECTION-B**

**Motivation:** Concept and Nature of Motivation, Types of Motivation, Needs, Drives and Incentives, Conflicts and Frustration (Concept, Nature and Types}

**Emotions:** Concept and Nature of Emotions, Types of Emotions, Theories of Emotions (James Lange, Cannon Bard and Lindzy), Physiological Correlates of Emotions

## SECTION-C

**Personality:** Concept of Personality, Characteristics of Personality, Theories of Personality (Adler, Jung, Allport, Eysenck and Cattell), Techniques of Assessment (Psychometric and Projective)

#### **SECTION-D**

**Measures of Variability:** Meaning and Characteristics of Variability, Range, Quartile Deviation, Average Deviation and Standard Deviation with Merits and Demerits

#### **References:**

- 1. Benjamin, Jr. L.T., Hopkings, J.R. & Nation, J.R. (1987). *Psychology*. Mcmillan Publishing Company, New York.
- 2. Chaplin, J.R. &Kraiwic, T.S. (1985). *Systems and Theories of Psychology*. Holt, Rinehart and Winston, Inc., New York.

Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

- Crooks, R.L. &Strin, J. (1988). *Psychology; Sciences: Behaviour and Life*. Holt Rinehart and Winston, Inc., New York.
- Morgan, G.T., King, P.A., Weisz, T.R. &Schopler, J. (1999). *Introduction to Psychology*. Mcgraw Hill Book Co., New York.
- 5. Baron, R.A. (1996). *Psychology*. New Delhi: Prentice Hall of India.
- 6. Aron (2007). Statistics for Psychology. Pearson Education, New Delhi.
- 7. Coon, D.L., &Mitterer, J.O. (2007). *Introduction to Psychology; Gateways to Mind and Behaviour*. Thomson Wadrwoth.
- 8. Solso, R.L. (2007). Cognitive Psychology. Pearson Education, New Delhi.
- 9. Hall, S.S. & Lindzey (1969). *Theories of Personality*. Wiley Eastern Ltd. New Delhi.
- 10. Pinel, J.P.J. (2007). Biopsychology. Pearson Education, New Delhi.

#### **PSYCHOLOGY**

#### (PRACTICAL)

Marks: 25

#### **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (5 Marks), performance and viva–voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

#### Five Practicals have to be performed out of the following:

- 1. Effect of Knowledge of Results on Performance.
- 2. Level of Aspiration.
- 3. Projective Techniques-Completion Test.
- 4. Personality Inventory
- 5. Zeigarnick-effect
- 6. Measurement of Emotions

#### **PAPER-V Opt.(v)**

#### **COMPUTER SCIENCE**

#### **PROGRAMMING USING C** (THEORY)

**Time: 3 Hours** 4 Hours/week

**Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### Note for the Candidates:

The students can use only Non-programmable & Non-storage type calculator. Practical marks will include the appropriate weightage for proper maintenance of Lab record

#### **SECTION-A**

Data Representation, Introduction to Number Systems and Character Codes, Flow Charts, Problem Analysis, decision tables, pseudo codes and, algorithms.

#### **SECTION-B**

**Programming Languages C: Basics of C:** Introduction to C, Applications and Advantages of C, Tokens, Types of Errors Data Types: Basic & Derived Data Types, User Defined Data Types, Declaring and initializing variables.

Operators and Expressions: Types of operators (Unary, Binary, Ternary), Precedence and Associativity

Data I/O Functions: Types of I/O function, Formatted & Unformatted console I/O Functions

#### SECTION-C

**Control Statements:** Jumping, Branching and Looping–Entry controlled and exit controlled, Advantages/Disadvantages of loops, difference between for, while and do–while. Arrays: Types of Arrays, One Dimensional and Two Dimensional Arrays. Strings: Introduction to Strings and String functions, array of strings.

#### SECTION-D

**Functions:** User Defined & Library Function, Function (Prototype, Declaration, Definition), Methods of passing arguments, local and global functions, Recursion. Storage Classes: Introduction to various storage classes, scope and lifetime of a variable, Storage class specifiers (auto, register, static, extern), advantages and disadvantages. Structure and Union: Introduction to structure and union, pointers with structure.

Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### **COMPUTER SCIENCE**

## (PRACTICAL)

Marks: 25

Practical based on Programming in C **2 Hours/week** 

#### **Books Suggested:-**

- Programming with C Languages C. Schaum Series. YashwantKanitkar Let Us C C Programming by Stephen G Kochan (i) (ii) (iii)

#### PAPER-V Opt.(vi) PHILOSOPHY ETHICS: WESTERN AND INDIAN

Time: 3 Hours Lectures to be delivered: 6 per week Pass Marks 35 %

#### Max. Marks: 100

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

- 1. An Introduction to Ethics: Definition, Nature, Scope and Utility
- 2. Relation of Ethics with Religion and Science

#### **SECTION-B**

- 1. Plato: Virtues.
- 2. Kant: Categorical Imperative, Good Will.
- 3. Utilitarianism: Meaning, Definition, Views of Bentham and J.S.Mill.

#### SECTION-C

- 1. Bhagavad Gita: Nishkama Karma.
- 2. Guru Granth Sahib: Truth, Contentment and Hukam.

#### SECTION-D

- 1. Buddhism: Four Noble Truths and Eight-Fold Path
- 2. Yoga Philosophy: Ashtangyoga
- 3. Jainism: Tri Ratna and Kaivalya.

#### **Recommended Readings:-**

#### **English Books:-**

- 1. Avtar Singh, Ethics of the Sikhs, Punjabi University, Patiala, 1970.
- 2. Balbir Singh, *Principles of Ethics*, S. Nagin, Jalandhar, 1978.
- 3. Duignan, Brian, *The History of Western Ethics*, Britannica Educational Pub., New York, 2011.
- 4. Gupta, S.N. Das, *A History of Indian Philosophy*, Vol. II, George Allen and Unwin, London, 1971.
- 5. Intyre, Alasdair C Mac, A Short History of Ethics, Routledge, 1998.
- 6. Joshi, H.M, *Traditional and Contemporary Ethics; Western and Indian*, Bharatiya Vidya Prakashan, Delhi, 2000.
- 7. Kaveeshwar G.W., *The Ethics of the Gita*, Motilal Banarsidass, Delhi, 1971.
- 8. Mackenzie, J.S., Mannual of Ethics, Hinds, Noble & Eldridge, New York, 2005.
- 9. Norman Richard, *The Moral Philosophers: An Introduction to Ethics*, Oxford University Press, Oxford, 1998.
- 10. Tiwari, Kedar Nath, Classical Indian Ethical Thoughts: A Philosophical Study of Hindu, Jaina and Buddha Morals, Motilal Banarsidass, Delhi, 1998.
- 11. Vasu, Srisa Chandra, An Introduction to the Yoga Philosophy, AMS Press, New York, 1974.
- 12. William Lillies, Introduction to Ethics, Methuen, London, 2001.

## Punjabi Books:-

- 1. ਹਊਰਾ, ਕੁਲਦੀਪ ਸਿੰਘ, ਸਿੱਖ ਨੈਤਿਕਤਾ ਦੀ ਰੁਪ ਰੇਖਾ, ਸਿਮਰ ਸਾਹਿਤ ਸਦਨ, ਅੰਮ੍ਰਿਤਸਰ।
- 2. ਗੁਪਤਾ, ਸ਼ਾਂਤੀ ਨਾਥ, ਭਾਰਤੀ ਦਰਸ਼ਨ, ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ, 1994.
- 3. ਚੰਦ, ਰਣਧੀਰ ਸਿੰਘ, *ਯੋਗ ਦਰਸ਼ਨ*, ਪੰਜਾਬੀ ਰਾਈਟਰਜ਼ ਕੋਆਪਰੇਟਿਵ ਸੋਸਾਇਟੀ, ਲੁਧਿਆਣਾ।
- 4. ਨਿਰਾਕਾਰੀ, ਆਰ.ਡੀ., *ਭਾਰਤੀ ਦਰਸ਼ਨ*, ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ, 1994.
- 5. ਵਜ਼ੀਰ ਸਿੰਘ (ਡਾ.) ਸਿੱਖ ਦਰਸ਼ਨ ਧਾਰਾ, ਪੰਜਾਬੀ ਯਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

## Hindi Books:-

1. ਵਰਮਾ, ਵੇਦ ਪ੍ਰਕਾਸ਼, *ਨੀਤੀ ਸ਼ਾਸਤਰ*, ਅਲਾਇਡ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ, 1977.

## **Drug Abuse: Problem, Management and Prevention**

#### DRUG ABUSE: MANAGEMENT AND PREVENTION

#### Time: 3 Hours

#### Max. Marks: 50

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

#### **Prevention of Drug abuse:**

Role of family: Parent child relationship, Family support, Supervision, Shaping values, Active Scrutiny.

## SECTION-B

School: Counselling, Teacher as role-model. Parent-teacher-Health Professional Coordination, Random testing on students.

#### SECTION-C

#### **Controlling Drug Abuse:**

Media: Restraint on advertisements of drugs, advertisements on bad effects of drugs, Publicity and media, Campaigns against drug abuse, Educational and awareness program

#### SECTION-D

Legislation: NDPs act, Statutory warnings, Policing of Borders, Checking Supply/Smuggling of Drugs, Strict enforcement of laws, Time bound trials.

#### **References:-**

- 1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
- 2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
- 3. Inciardi, J.A. 1981. *The Drug Crime Connection*. Beverly Hills: Sage Publications.
- 4. Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
- 5. Kessel, Neil and Henry Walton. 1982, *Alcohalism. Harmond Worth:* Penguin Books.

- Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
- National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
- 8. Ross Coomber and Others. 2013, *Key Concept in Drugs and Society*. New Delhi: Sage Publications.
- Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
- Sandhu, Ranvinder Singh, 2009, *Drug Addiction in Punjab*: A Sociological Study. Amritsar: Guru Nanak Dev University.
- Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
- 12. Sussman, S and Ames, S.L. (2008). *Drug Abuse: Concepts, Prevention and Cessation*, Cambridge University Press.
- Verma, P.S. 2017, "Punjab's Drug Problem: Contours and Characterstics", Economic and Political Weekly, Vol. LII, No. 3, P.P. 40-43.
- 14. World Drug Report 2016, United Nations office of Drug and Crime.
- 15. World Drug Report 2017, United Nations office of Drug and Crime.

#### PAPER-I ENGLISH (COMPULSORY)

#### **Time: 3 Hours**

#### Max. Marks: 50

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

**Important Note:** The textbook *Making Connections* (3<sup>rd</sup> edition) is significantly different from its 2<sup>nd</sup> edition. The third edition (by Kenneth J Pakenham, Jo EcEntire, Jessica Williams) is to be followed for this course.

#### **Texts Prescribed:**

- 1. *Making Connections* by Kenneth J. Pakenham, Jo McEntire, Jessica Williams, 3rd Edition. CUP.
- 2. Moments in Time: An Anthology of Poems, GNDU, Amritsar.
- 3. English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP

#### Syllabus is divided into four sections as mentioned below:

Section A- English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP: Units 98-130

Section B – Essay writing and English Grammar in Use: Units 131-145

Section C- Moments in Time: Poems at Sr. No. 1-6

Section D-Making Connections by Kenneth J. Pakenham, 3rd Edn. CUP: Unit-I (Global Health) and Unit-II (Multicultural Societies)

## PAPER-II PUNJABI (COMPULSORY) ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ ਤਿੰਨ ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

## ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- ਹਰੇਕ ਪਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈਂਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

#### ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

ਸੈਕਸ਼ਨ - ਏ

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ (ਸੰਪਾ. ਡਾ. ਗੁਰਬਚਨ ਸਿੰਘ ਤਾਲਿਬ), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।

(ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਕਲਾ ਪੱਖ)

#### ਸੈਕਸ਼ਨ - ਬੀ

ਚੋਣਵੇਂ ਪੰਜਾਬੀ ਇਕਾਂਗੀ (ਇਕਾਂਗੀ ਸੰਗ੍ਰਹਿ)।

ਸੰਪਾ ਡਾ.ਰਮਿੰਦਰ ਕੌਰ, ਕਸਤੁਰੀ ਐਂਡ ਸੰਨਜ਼ ਅੰਮ੍ਰਿਤਸਰ।

- 1. ਸੁਹਾਗ ਆਈ.ਸੀ.ਨੰਦਾ
- 2. ਨਵਾਂ ਚਾਨਣ ਹਰਚਰਨ ਸਿੰਘ
- 3. **ਅੰਨ੍ਹੇ ਨਿਸ਼ਾਨਚੀ** ਅਜਮੇਰ ਔਲਖ
- 4. ਅਰਮਾਨ ਜਤਿੰਦਰ ਬਰਾੜ
- 5. **ਚਾਬੀਆਂ** ਆਤਮਜੀਤ ਸਿੰਘ
- 6. **ਮਿੱਟੀ ਦਾ ਬਾਵਾ** ਪਾਲੀ ਭੁਪਿੰਦਰ
- 7. **ਸੰਧਰਾਂ** ਕੇਵਲ ਧਾਲੀਵਾਲ

ਵਿਸ਼ਾ ਵਸਤੂ/ਪਾਤਰ ਚਿਤਰਨ/ਰੰਗ ਮੰਚ ਦੇ ਪੱਖ ਤੋਂ

ਸੈਕਸ਼ਨ - ਸੀ

- **(ੳ) ਸੰਖੇਪ ਰਚਨਾ** (ਪ੍ਰੈਸੀ)
- (ਅ) ਦਿੱਤੇ ਪੈਰ੍ਹੇ ਵਿਚੋਂ ਅਸ਼ੁੱਧ ਸ਼ਬਦ ਜੋੜਾਂ ਨੂੰ ਸ਼ੁੱਧ ਕਰਨਾ

ਸੈਕਸ਼ਨ - ਡੀ

ਮੂਲ ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ : ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਵੰਨਗੀਆਂ

(ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪ–ਵਾਕ ਅਤੇ ਵਾਕ)

#### **PAPER-II**

## ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Compulsory Punjabi)

ਸਮਾਂ: ਤਿੰਨ ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

#### ਅੰਕ–ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

#### ਪਾਠ–ਕ੍ਰਮ

ਸੈਕਸ਼ਨ - ਏ

ਵਿਆਕਰਣਕ ਇਕਾਈਆਂ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ; ਵਾਕੰਸ਼, ਉਪਵਾਕ ਅਤੇ ਵਾਕ ਸੈਕਸ਼ਨ-ਬੀ

ਪੈਰਾ ਰਚਨਾ, ਚਿੱਠੀ ਪੱਤਰ, ਸੈਕਸ਼ਨ-ਸੀ ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ ਸੈਕਸ਼ਨ-ਡੀ

ਪੈਰਾ ਅਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਸੰਖੇਪ ਰਚਨਾ

#### PAPER-II

## Punjab History & Culture (From 1000 to 1605 A. D) (Special Paper in lieu of Punjabi compulsory) (For those students who are not domicile of Punjab)

## Time: 3 Hours

Max. Marks: 50

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

- 1. Society and Culture of Punjab during the Turko-Afghan rule.
- 2. The Punjab under the Mughals

#### SECTION-B

- 3. Bhakti movement and its impact on Society of Punjab
- 4. Sufism in Punjab with special reference to Baba Farid.

#### SECTION-C

- 5. Guru Nanak-Life and travels
- 6. Teachings of Guru Nanak, Concept of Sangat, Pangat and dharmsal.

#### SECTION-D

- 7. Contribution of Guru Angad Dev, Guru Amar Das and Guru Ram Das.
- 8. Compilation of Adi Granth and martyadom of Guru Arjun Dev

#### **Suggested Readings**

- 1. Chopra, P.N., Puri, B.N., & Das, M.N.(1974). A Social, Cultural & Economic History of India, Vol. II. New Delhi: Macmillan India.
- 2. Grewal, J.S. (1994). The Sikhs of the Punjab, Cambridge University Press, New Delhi.
- 3. Singh, Fauja (1972). A History of the Sikhs, Vol. II, I. Patiala: Punjabi University.
- 4. Singh, Kushwant (2011). *A History of the Sikhs-* Vol. I (1469-1839). New Delhi: Oxford University Press.
- 5. Singh, Kirpal (1990). *History and Culture of the Punjab*-Part II (Medieval Period). Patiala: Publication Bureau, Punjabi University.

#### PAPER-III POLITICAL SCIENCE

## **INDIAN CONSTITUTION**

### **Time: 3 Hours**

#### Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

1. Constitution Assembly and making of India's Constitution.

2. Basic features of the Indian Constitution.

3. Preamble and its importance.

4. Nature of Indian Federalism and Centre-State Relations.

#### **SECTION-B**

- 1. Fundamental Rights, features, kinds and evaluation.
- 2. Fundamental Duties.
- 3. Directive Principles of the State Policy.

#### SECTION-C

- 1. Parliament: Composition, Powers and Role.
- 2. President: Election, Powers and Position.
- 3. Indian Cabinet and Prime Minister: Election, Powers, Position and Changing Role.
- 4. Supreme Court and High Court: Composition, Powers and Role.

#### SECTION-D

1. Governor: Appointment, Powers and Role.

- 2. State Legislature: Composition, Powers and Role.
- 3. Council of Ministers and Chief Minister: Election, Powers, Position and Role.

#### **Books Recommended:**

- 1. G. Austin, *The Indian Constitution: Corner Stone of a Nation*, Oxford, Oxford University Press, 1966.
- 2. G. Austin, *Working of a Democratic Constitution: The Indian Experience*, Oxford University Press, 2000, Delhi.
- 3. D.D. Basu, *An Introduction to the Constitution of India*, New Delhi, Prentice Hall, 2008.
- 4. C.P. Bambhri, *The Indian State Fifty Years*, New Delhi, Shipra, 1997.
- 5. P. Brass, *Politics of India Since Independence*, Hyderabad, Orient Longman, 1990.
- 6. P. Brass, *Caste, Faction and Parties in Indian Politics,* Vol. II, Delhi, Chanakya Publications 1984-1985.
- 7. P. Brass, *Ethnic Groups and the State*, London, Croom, Helm, 1995.
- 8. P. Brass, *Language, Religion and Politics in North Indian,* London, Cambridge University Press, 1974.
- 9. B.L. Fadia, *State Politics in India*, Vol. II, New Delhi, Radiant Publishers, 1984.
- 10. F.R. Frankel, *India's Political Economy 1947-1977*, The Gradual Revolution, Oxford, Oxford University Press, 1978.
- 11. R. Kothari, *State against Democracy: In Search of Human Governance*, Delhi, Ajanta, 1988.
- 12. R. Kothari, *Politics in India*, New Delhi, Orient Longman, 1970.
- 13. R. Kothari, *Party System and Election Studies*, Bombay, Asia Publishing House, 1967.
- 14. I. Narain (ed.), State Politics in India, Meerut, Meenakshi Parkashan, 1967.
- 15. M.V. Pylee, *Constitutional Government in India*, Bombay, Asia Publishing House, 1977.
- 16. M.V. Pylee, An Introduction to the Consutitution of India, New Delhi, Vikas, 1998.
- 17. S.P. Verma and C.P. Bhambari (ed.), *Election and Political Consciousness in India*, Meerut, Meenakshi Parkashan, 1967.
- 18. B.L. Fadia, *Indian Government and Politics*, Agra, Sahitya Bhavan Publications, 2008.
- 19. A.S. Narang, Indian Government and Politics, New Delhi, Gitanjali, 1999.
- 20. Indian Journal of Political Sciences
- 21. Punjab Journal of Politics
- 22. Seminar
- 23. Lloyd I. Rudolph and Susanne Hoeba Rudolph, *Explaining Indian Democracy: A Fifty-Year Perspective*, 1956-2006, Vol. I, II, III, New Delhi, OUP, 2008.
- 24. Francine Frankel, India's Political Economy: 1947-2004, New Delhi, OUP, 2006.
- 25. Madhav Khosla, *The Indian Constitution*, Oxford, 2012
- 26. Sudhir Krishnaswamy, *Democracy and Constitutionalism in India : the Study of Basic Structue*, Oxford,2011
- 27. P.M Bakshi, *The Constitution of India*, Universal, 2007.
- 28. J.C Johari, The Constitution of India, Sterling, 2007
- 29. Brij Kishore Shasma, Introduction to the Constitution of India, PHI, 2009

#### PAPER-IV

#### WOMEN EMPOWERMENT

#### WOMEN EMPOWERMENT: BROAD ISSUES

#### Time: 3 Hrs.

#### Max. Marks: 100

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

Women Empowerment and role of Social Institutions:-

- 1. Women Empowerment: Meaning and Efforts.
- 2. Role of Social Institutions (Family, educational institutions, media, press and Khap Panchayats.

#### **SECTION-B**

Women Empowerment: Commissions and Govt. Policies:-

- 1. Commissions and bodies for gender equality: central, State and local.
- 2. Recent policies of Government of India for Women Empowerment.

#### SECTION-C

Women Empowerment: Patriarchy, Matriarchy and Social Movements

- 1. Patriarchy and Matriarchy- Ideology practice and Women Rights.
- 2. Social and Religious Movements for Women Rights.

#### SECTION-D

Women Empowerment: Legal Rights

1. Women, work and livelihood: Sexual Harassment at work place.

2. Women and Legal Rights: Matrimonial, Property and old Age Rights.

## PAPER-V Opt.(i) SOCIOLOGY

#### SOCIETY IN INDIA

**Time: 3 Hours** 

Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

(a) Indian Society: Features and Unity in Diversity.

(b) Caste: Features, Functions, Changing patterns, Difference between caste and class.

#### **SECTION-B**

(a) Social Issues: Communalism, Casteism, Gender, Human Rights.

#### **SECTION-C**

(a) Marriage: Meaning, Types, Functions and Changes.

(b) Family: Meaning, Types, Functions and Changes.

(c) Kinship: Meaning and Terminology.

#### SECTION-D

(a) Society in India: Rural, Urban and Tribal.

#### **Recommended Books:**

- 1. Abraham, M. Francis: Contemporary Sociology, Oxford University, New Delhi, 2006.
- 2. Ahuja, Ram. 1999, Society in India. Jaipur: Rawat.
- 3. Atal, Yogesh. 2006, Changing Indian Society. Jaipur: Rawat.
- 4. Ghurye, G.S.: *Caste & Race in India*, Popular, Bombay, Punjabi Translations by N.S. Sodhi, Panjabi University, Patiala, 1962.

- 5. Hutton, J.H.: Caste in India—Its Nature, Functions and Origin, Oxford University Press, Delhi 1980.
- 6. Jayaraman, Raja: *Caste & Class, Dynamics of Inequality in Indian Society,* Hindustan Publishing Corporation, 1981.
- 7. Kapadia, K.M.: *Marriage and Family in India*, Oxford University Press, Calcutta, 1996.
- 8. Kapila, S: A Textbook of Sociology, Part-I & II, New Academic House, Jalandhar, 1990-91.
- 9. Kothari, Rajni (ed): Caste in Indian Politics, Orient Longman, Delhi, 1973.
- 10. Mandelbaum, David G.: Society in India, Popular Prakashan, Bomaby, 1972.
- 11. Mukerji, D.P.: Diversities: Essays in Economics, Sociology and Social Problems, Manak, New Delhi, 2002.
- 12. Maclver, R.M. & Page, Charles H.: Society- An Introductory Analysis, Macmillan, London, 1974.
- 13. Sharma, K.L. 2007, Indian Social Structure and Change. Jaipur: Rawat.

#### **PAPER-V Opt.(ii)**

#### ECONOMICS

#### **MACRO ECONOMICS**

Max. Marks: 100

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

Distinction between Micro and Macro Economics; Determination of Income and Employment: Classical and Keynesian models; Say's Law of Market and aggregate demand and aggregate supply.

Consumption functions; average (short-run and long run) and marginal propensity to consume; static and dynamic multipliers.

#### **SECTION-B**

**Investment:** Meaning, Demand schedules and factors affecting investment decision. Marginal Efficiency of Capital. Accelerator, multiplier-accelerator interaction. Trade cycles-meaning, characteristics and phases. Samuelson and Hicks Models of trade cycles.

#### SECTION-C

**Money:** Its functions and role. Money and Capital Markets (Introductory). Quantity Theory of Money. Fisher's and Cambridge's equations. Liquidity preference theory. **Banking:** Definitions of banks. Credit creation and credit control.

#### SECTION-D

**Inflation:** Concept, Causes and cures. Inflation-unemployment Trade-off (only Phillips' contribution).

Macroeconomic Policies: Fiscal policy – meaning, objectives and instruments.

Monetary policy – meaning, objectives and instruments.

#### **Recommended Texts:**

- 1. Shapiro, E. Macroeconomic Analysis, Harcourt, Brach and World, New York, 1978.
- 2. Dernaburg, T.F. and MC Dougall D.M., Macroeconomics : the Measurement, Analysis and Control of Aggregate Economic Activity, McGraw-Hill, Kogakusha, Tokyo, 1972.
- Gupta, S.B. Monetary Economics : Institutions, Theory and Policy, S. Chand, New Delhi, 2000.

Time: 3 Hours

## PAPER-V Opt.(iii) HISTORY

#### HISTORY OF INDIA (AD 1707-1947)

#### Time: 3 Hours

#### Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

- 1. **Foundation of British Rule:** Advent of the British; Battles of Plassey and Buxar, Clive and Warren Hastings; Subsidiary Alliance Policy, Doctrine of Lapse.
- 2. The Uprising of 1857: Causes, Spread of the Uprisings, Nature and aftermath.

#### **SECTION-B**

- 3. Economic Changes: Agriculture, British commercial policies and the impact on the trade balance; Destruction of indigenous industries; the growth of modern industry; The drain theory.
- 4. Growth of Education and Political Organization: New education; Rise of the middle classes; Socio Religious Movements : Brahmo Samaj, Arya Samaj, Rama Krishana Mission, Prarthna Samaj, Theosophical Society, Aligarh Movement.

#### SECTION-C

- 5. Early Political Associations and Emergence of Revolutionary Terrorism: Early Political Association and Indian National Congrence; Swadeshi Movement, Partition of Bengal and its impact; Revolutionary Terrorism in Bengal, Maharashtra and the Punjab, Impact on the National Movement.
- 6. The Phase of Non-Co-operation : Emergence of Gandhi; The Jallianwala Bagh Massacre and its impact; Khilafat agitation; the Non-cooperation Movement; Withdrawal and impact; the Swarajists; The Simon Commission; The Phase of Civil Disobedience : The programme and the course of the Civil Disobedience Movement, the Round Table Conferences; Communal Award; Poona-pact; Withdrawal of Civil Disobedience Movement

#### 56

#### **B.A. (Women Empowerment)** Three Years Degree Course (Semester-III)

#### SECTION-D

- 7. **Constitutional Development:** The Minto-Morley Reforms of 1909, The Act of 1919 and Dyarchy; Government of India Act, 1935 and Provincial Autonomy.
- 8. **Towards Partition and Independence:** Growth of communal politics; Lahore resolution, Cripps proposals; Quit India Movement; the INA Trials; Cabinet Mission and towards Independence.

#### **Suggested Reading:**

- 1. Bipan Chandra, *History of Modern India*, Orient Longman, Hydrabad, 2009.
- 2. Sarkar, Sumit, Modern India (1885-1947), Orient Longman, New Delhi, 1983.
- 3. Bose, Sugata and Ayesha Jalal, *Modern South Asia: History, Culture, Political Economy*, OUP, New Delhi, 2004.
- 4. Bandyopadhyay, Sekhar, From Plassey to Partition: A History of Modern India, Orient Longman, Hydreabad, 2004.
- 5. Datta, Kali Kinkar, A Social History of Modern India, Macmillan, New Delhi, 1975.
- 6. Bannerjee, A.C., The New History of Modern India (1707-1947), K.P.Bagchi, Calcutta, 1983.
- 7. Burton, Stein, A History of India, OUP, New Delhi, 2003.
- 8. Desai, A.R., Social Background of Indian Nationalism, Popular Prakashan, Bombay, 1966.
- 9. Misra, B.B., The Indian Middle Classes: Their Growth in Modern Times, OUP, London, 1978
- 10. Jones, Kenneth, Socio-Religious Movements in India, CUP, Cambridge, New Delhi, 1989.
- 11. Chopra, P.N. et al, *A Social, Cultural and Economic History of India: Modern India,* Vol. III, Macmillan, New Delhi, 1974.
- 12. Chaudhuri, M.K., (ed.), *Trends of Socio-Economic Change in India (1871-1961)*, IIAS, Simla, 1969.
- 13. Choudhary, Sukhbir, Peasants' and Workers' Movements in India, 1905-1929, PPH, New Delhi, 1971.

#### PAPER-V Opt.(iv) PSYCHOLOGY

#### EXPERIMENTAL PSYCHOLOGY-I (THEORY)

Time: 3 Hours Pass Marks: 35% of the subject (Theory and Practical Separately) Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

**Experimental Method:** Introduction to Experimental Method, Advantages and Disadvantages, Study of cause and effect relationship

**Variables:** Concept and Nature, Types of Variables, Stimulus, Organismic and Response Variables, Process of experimentation-manipulation and control of variables, Introduction to Experimental Designs

#### **SECTION-B**

**Sensation and Perception:** Types of sensations, Visual sensation, Structure and functions of the Eye, Theories of Colour Vision (Young-Helmholtz, Opponent-Process & Evolutionary), Auditory Sensation: Structure and functions of the Ear, Theories of Hearing, Cutaneous, Olfactory and Gustatory Sensations

#### SECTION-C

Attention: Concept and Nature of Attention, Characteristics of Attention Perception: Concept, Nature and factors affecting perception, Approaches to Perception (Gestalt and Behaviouristic), Perception of Form, Shape, Depth and Distance, Perceptual Constancy

#### **SECTION-D**

#### **Perception of Space and Movment:**

**Illusions:** Types, causes and Theories

Statistics: Normal Probability Curve, Concept, Nature and Characteristics (Numericals of Areas under NPC only)

#### **References:**

- 1. D. Amato, M.H.R. (2001): Experimental Psychology, Tata McGraw Hill, New Delhi.
- Garrett, H.E. and Woodworth, R.S. (1969): Statistics in Psychology and Education. Vikils, Feffer and Simons Pvt. Ltd.
- 3. Kerlinger, P.N.(1988): Foundation of Behavioural Research, Surjeet Publications, New Delhi.
- 4. Postman, L. and Egan. J.P.: Experimental Psychology, Harper and Row, New York.
- 5. Schiffman, H.R. (1982): Sensation and Perceptions, John Willey and Sons.
- 6. Woodworth, R.S. and Schlosberg, H.(1954): Experimental Psychology, Holt, Rinehart and Winston, Inc.
- 7. Solso, R.L. (2007): Experimental Psychology: A Case Approach Pearson Education, New Delhi.
- 8. Sternberg, R.J. (2007): Cognitive Psychology, Thomson Wads Worth.

## SEMESTER-III PSYCHOLOGY

## (PRACTICAL)

#### Marks: 25

#### **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write-up of file book (5 Marks), performance and viva-voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

#### Five Practicals have to be performed out of the following:

- 1. Role of Set in Perception
- 2. Span of Attention/Division of Attention.
- 3. Muller-Lyer Illusion
- 4. Figure-ground differentiation
- 5. Paired Comparison Method for Colour Preference
- 6. Reaction Time (Simple Vs. choice RT or Auditory Vs. Visual RT)

#### PAPER-V Opt.(v) COMPUTER SCIENCE

#### COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS (THEORY)

Time: 3 Hours 4 Hours/week

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

#### Introduction:

Numerical methods, Numerical methods versus numerical analysis, Errors and Measures of Errors.

Non-linear Equations, Iterative Solutions, Multiple roots and other difficulties, Interpolation methods, Methods of bisection, False position Method, Newton Raphson-method.

#### SECTION-B

Simultaneous Solution of Equations, Gauss Elimination Method Gauss Jordan method. Gauss Siedel Method, Matrix Inversion Method.

#### SECTION-C

Interpolation and Curve Fitting, Lagrangian Polynomials, Newtons Methods: Forward Difference Method, Backward Difference Method Divided Difference Method.

Numerical Integration and Different Tryaperzoidal Rule, Simpson's 1/3 Rule Simpson's 3/8 Rule. SECTION–D

#### Numerical differentiation by Polynomial Fit Statistical Techniques

Measure of Central Tendency, Preparing frequency distribution table, Mean Arithmetic, Mean geometric, Mean harmonic, Mean median Mode.

Measure of dispersion, Skewness and Kurtosis Range, Mean deviation, Standard deviation, coefficient of variation, Moments Skewness Kurtosis.

Correlation Bivariate Distribution Multivariate distribution.

Regression B.C., Linear Regression, Multiple Regression.

Trend Analysis least square fit linear trend, Non-linear trend

Y=axb

Y=abx

Y=acx

Polynomial fit: Y=a+alX+ea^2x2+a^nxn+n

#### **Books Recommended:**

- 1 B.S. Grewal: *Numerical Methods for Engineering*, Sultan Chand Publications.
- 2 V. Rajaraman: *Computer Oriented Numerical Methods*, Prentice Hall of India Private Ltd., New Delhi.

Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

## **COMPUTER SCIENCE**

## COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS LAB. (PRACTICAL)

2 Hours/week

Marks: 25

Practical based on Computer Oriented Numerical and Statistical Methods

#### PAPER-V Opt.(vi)

#### PHILOSOPHY

#### DEDUCTIVE LOGIC AND APPLIED ETHICS (OPT. I) (Only for Regular Students)

Lectures to be delivered: 6+4=10 per week Time: 3 Hours Pass Marks: 35% Marks: 100 Theory Marks: 80 Practical Marks: 20

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

- 1. Definition, Nature and Utility of Western Logic.
- 2. Laws of Thought: Identity, Contradiction, Excluded Middle, Law of Sufficient Reason and Characteristics.
- 3. Terms: Classification, Connotation and Denotation.Inverse Relation between Connotation and Denotation.

#### **SECTION-B**

- 4. Proposition: Classification of Propositions, Four-fold division of Propositions.
- 5. Immediate Inference: Square of Opposition of Proposition, Contradiction, Contrary, Sub-Contrary, Subalteration.
- 6. Mediate Inference: Categorical Syllogism, Rules of Validity, Figures and Moods.

#### SECTION-C

- 7. Applied Ethics: Nature, Scope and Uses.
- 8. De-ontological Approach to Moral Action: Immanuel Kant, Bhagavat Gita.
- 9. Teleological Approach to Moral Action: J.S. Mill, Bentham.

#### SECTION-D

- 10. Medical Ethics: Definition, Nature, Problems; Euthanasia.
- 11. Educational Ethics & Legal Ethics: Definition, Nature, Problems.
- 12. Business Ethics: Definition, Nature, Problems.

#### **Recommended Readings:**

#### **English Books**

- 1. Beauchamp T.L. & J.E. Childress, (Jr.), *Principles of Biomedical Ethics*, 2nd Ed., Oxford University Press, Oxford, 2001
- 2. Copi, I.M., Introduction to Logic, 6th ed., New York, Macmillan, 1982.
- 3. Singer, Peter, *Practical Ethics*, Cambridge University Press, 1993.
- 4. Titus, Harold H., Ethics for Today, Eurasia Publishing House, New Delhi, 1966.

## Punjabi Books

- 1. ਵਜ਼ੀਰ ਸਿੰਘ ਅਤੇ ਹਰਨਾਮ ਸਿੰਘ, *ਤਰਕ ਗਿਆਨ ਦੇ ਮੁਢਲੇ ਨੇਮ*, (ਭਾਗ-1) (ਨਿਗਮਨ), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- 2. ਸ਼ਰਮਾ, ਪੀ.ਏ. ਅਤੇ ਵਜ਼ੀਰ ਸਿੰਘ, *ਤਰਕ ਗਿਆਨ ਦੀ ਜਾਣ-ਪਛਾਣ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

#### PAPER-I ENGLISH (COMPULSORY)

#### **Time: 3 Hours**

#### Max. Marks: 50

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

**Important Note:** The textbook *Making Connections* (3<sup>rd</sup> edition) is significantly different from its 2<sup>nd</sup> edition. The third edition (by Kenneth J Pakenham, Jo EcEntire, Jessica Williams) is to be followed for this course.

#### **Texts Prescribed:-**

- 1. *Making Connections* by Kenneth J. Pakenham, Jo McEntire, Jessica Williams, 3rd Edition. CUP.
- 2. Moments in Time: An Anthology of Poems, GNDU, Amritsar.
- 3. English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP.

#### Syllabus is divided into four sections as mentioned below:

#### **SECTION-A**

*English Grammar in Use* (Fourth Edition) by Raymond Murphy, CUP: Revision of Units 26-37, 42-48, 92-97, 113-120.

#### **SECTION-B**

Moments in Time: Poems at Sr. No. 7-12

#### SECTION-C

*Making Connections* by Kenneth J. Pakenham, 3rd Edn. CUP: SECTION–III (Aspects of Language) and SECTION–IV (Sustaining Planet Earth)

#### **SECTION-D**

Essay type question based on the SECTION-"Beyond the reading" from the text, *Making Connections*.

## PAPER-II PUNJABI (COMPULSORY) ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ ਤਿੰਨ ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

#### ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

- 1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- 2. ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ<sup>ੇ</sup> ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ
- ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- ਹਰੇਕ ਪ੍ਰਸਨ ਦੇ ਦਸ ਅੰਕ ਹਨ।
- ਪੇਪਰ ਸੈਂਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

### ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

#### ਸੈਕਸ਼ਨ - ਏ

ਮੇਰੀ ਜੀਵਨ ਗਾਥਾ (ਸਵੈ–ਜੀਵਨੀ) : ਡਾ. ਦੀਵਾਨ ਸਿੰਘ, ਕਸਤੂਰੀ ਲਾਲ ਐਂਡ ਸੰਨਜ਼, ਅਮ੍ਰਿਤਸਰ

## (ਨਾਇਕ ਬਿੰਬ/ਸਵੈ ਜੀਵਨੀ ਦੇ ਤੌਰ ਤੇ ਪਰਖ/ਵਾਰਤਕ ਸ਼ੈਲੀ)

ਸੈਕਸ਼ਨ - ਬੀ

ਫ਼ਾਸਲੇ (ਨਾਟਕ) : ਜਤਿੰਦਰ ਬਰਾੜ, ਨਾਨਕ ਸਿੰਘ ਪੁਸਤਕਮਾਲਾ, ਅਮ੍ਰਿਤਸਰ (ਵਿਸ਼ਾ/ਸਾਰ/ਨਾਟਕ ਕਲਾ)

ਸੈਕਸ਼ਨ - ਸੀ

- (ੳ) ਲੇਖ ਰਚਨਾ (ਸਮਾਜਕ, ਸਭਿਆਚਾਰਕ, ਇਤਿਹਾਸਕ ਅਤੇ ਵਿਦਿਅਕ ਸਰੋਕਾਰਾਂ ਸੰਬੰਧੀ)
- (ਅ) ਅਖ਼ਬਾਰ ਨੂੰ ਇਸ਼ਤਿਹਾਰ (ਨਿੱਜੀ, ਦਫ਼ਤਰੀ)

#### ਸੈਕਸ਼ਨ - ਡੀ

ਵਿਆਕਰਨ

- (ੳ) ਸ਼ਬਦ-ਜੋੜਾਂ ਦੇ ਨਿਯਮ
- (ਅ) ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸਤਾਵਾਂ

#### PAPER-II

ਮੁਢੱਲੀ ਪੰਜਾਬੀ (ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ ਤੇ ਸੱਭਿਆਚਾਰ) (In Lieu of Punjabi Compulsory)

Time: 3 Hrs

BCG-102:

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

ਸਿੱਖ ਧਰਮ ਦੀ ਸਥਾਪਨਾ: ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦਾ ਜੀਵਨ ਤੇ ਉਪਦੇਸ਼ (1469–1539): ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦਾ ਜੀਵਨ, ਰੱਬ ਸਬੰਧੀ ਵਿਚਾਰ, ਗੁਰੂ ਦਾ ਮਹੱਤਵ, ਸਿੱਖਿਆਵਾਂ। ਸੰਗਤ-ਪੰਗਤ, ਗੁਰਗੱਦੀ ਦੀ ਸਥਾਪਨਾ ਇਸ ਦਾ ਸਮਾਜ ਤੇ ਪ੍ਰਭਾਵ।

#### **SECTION-B**

**ਸਿੱਖ ਪੰਥ ਦਾ ਵਿਕਾਸ: ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ (1539-1522):** ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਦਾ ਸਿੱਖ ਧਰਮ ਦੇ ਵਿਕਾਸ ਵਿੱਚ ਯੋਗਦਾਨ, ਗੁਰਮੁੱਖੀ ਲਿੱਪੀ।

#### SECTION-C

**ਗੁਰੂ ਅਮਰਦਾਸ ਤੋਂ ਗੁਰੂ ਰਾਮਦਾਸ ਜੀ ਤੱਕ (1522-1581):** ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ ਦਾ ਸਿੱਖ ਧਰਮ ਦੇ ਵਿਕਾਸ ਵਿੱਚ ਯੋਗਦਾਨ: ਗੋਇੰਦਵਾਲ ਸਾਹਿਬ ਦੀ ਸਥਾਪਨਾ, ਮੰਜੀ ਪ੍ਰਥਾ ਅਤੇ ਸਮਾਜਿਕ ਸੁਧਾਰ, ਗੁਰੂ ਰਾਮਦਾਸ ਜੀ ਦਾ ਯੋਗਦਾਨ, ਰਾਮਦਾਸਪੁਰਾ ਦੀ ਸਥਾਪਨਾ, ਮਸੰਦ ਪ੍ਰਥਾ।

#### SECTION-D

ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦੇ ਸਮੇਂ ਸਿੱਖ ਪੰਥ ਦਾ ਵਿਕਾਸ (1581-1606): ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦਾ ਯੋਗਦਾਨ, ਹਰਿਮੰਦਰ ਸਾਹਿਬ ਦਾ ਨਿਰਮਾਣ, ਆਦਿ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦਾ ਸੰਕਲਨ, ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦੀ ਸ਼ਹਾਦਤ ਤੇ ਇਸਦਾ ਮਹੱਤਵ।

Marks: 50

## **Suggested Readings:**

- Kirpal Singh (ed.), History and Culture of the Punjab, Patiala, Part II, 1990 3<sup>rd</sup> Edition.
- 2. Fauja Singh (ed.), History of the Punjab, Vol.III, Patiala, 1987.
- 3. G.S Chabbra, The Advanced of the Punjab, Vol. I
- 4. J.S Grewal, **The Sikhs of the punjab**, The New Cambridge History of India, Cambridge, 1991.
- 5. Khushwant Singh A History of Sikhs, Vol. I OUP, New Delhi, 1990.

#### PAPER-II

# Punjab History & Culture (From 1605 to 1849 A.D) (Special Paper in lieu of Punjabi compulsory)(For those students who are not domicile of Punjab)

#### Time: 3 Hours

#### Max. Marks :50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

### SECTION-A

- 1. Politicization of Sikhism under Guru Hargobind.
- 2. Martydom of Guru Teg Bahadur

#### SECTION-B

- **3.** Creation of Khalsa
- 4. Khalsa and its impact on the Punjab

#### SECTION-C

- 5. Rise of Banda Bahadur and his achievements.
- 6. Rise of Misls.

#### SECTION-D

- 7. Ranjit Singh's rise to power; Civil, Military and Land Revenue Administration.
- **8.** Art and Architecture, Fair, Festivals and Folk Music in the Punjab during the medieval period.

#### **Suggested Readings**

- 1. Chopra P.N., Puri, B.N., & Das, M.N.(1974), A Social, Cultural & Economic History of India. Vol.II, Macmillan India Limited, New Delhi.
- 2. Grewal, J.S. (1994). The Sikhs of the Punjab, Cambridge University Press, New Delhi.
- 3. Singh, Fauja (1972). A History of the Sikhs, Vol. III, Patiala: Punjabi University.
- 4. Singh, Kushwant (2011). *A History of the Sikhs-* Vol. I (1469-1839). New Delhi: Oxford University Press.
- 5. Singh, Kirpal (1990). *History and Culture of the Punjab*-Part II (Medieval Period). Patiala: Publication Bureau, Punjabi University.

#### PAPER-III POLITICAL SCIENCE

#### **INDIAN POLITICAL SYSTEM**

#### **Time: 3 Hours**

Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION-A

- 1. Nature of Party System in India: A Critical Evaluation.
- 2. National Political Parties (Indian National Congress BJP, CPI, CPI (M), their organisation, Ideologies and electoral performance.
- 3. Regional Political Parties (SAD, and DMK,): Their Organisation, Ideologies and Electoral Performance.

#### **SECTION-B**

- 1. The Election Commission: Powers, functions, and Electoral Reforms.
- 2. Voting Behaviour.
- 3. Political Participation: Determinants and levels of Political Participation.

#### SECTION-C

- 1. Caste and Religion in Indian Politics.
- 2. Regionalism and Indian politics.
- 3. Emerging trends in Indian Politics.

#### SECTION-D

- 1. Basic principles and determinants of Indian Foreign Policy.
- 2. Policy of Non-alignment and its relevance in contemporary world.

#### **Books Recommended:**

- 1. G. Austin, *The Indian Constitution: Corner Stone of a Nation*, Oxford, Oxford University Press, 1966.
- 2. G. Austin, *Working of a Democratic Constitution: The Indian Experience*, Oxford University Press, 2000, Delhi.
- 3. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 2008.
- 4. C.P. Bambhari, *The Indian State Fifty Years*, New Delhi, Sipra, 1997.
- 5. P. Brass, *Politics of India Since Independence*, Hyderabad, Orient Longman, 1990.

#### 70

#### **B.A. (Women Empowerment)** Three Years Degree Course (Semester-IV)

- 6. P. Brass, *Caste, Faction and Parties in Indian Politics*, Vol. II, Delhi, Chanakya Publications 1984-1985.
- 7. P. Brass, *Ethnic Groups and the State*, London, Croom, Helm, 1995.
- 8. P. Brass, *Language, Religion and Politics in North Indian*, London, Cambridge University Press, 1974.
- 9. B.L. Fadia, State Politics in India, Vol. II, New Delhi, Radiant Publishers, 1984.
- 10. F.R. Frankel, *India's Political Economy 1947-1977*, The Gradual Revolution, Oxford, Oxford University Press, 1978.
- 11. R. Kothari, State against Democracy: In Search of Human Governance, Delhi, Ajanta, 1988.
- 12. R. Kothari, *Politics in India*, New Delhi, Orient Longman, 1970.
- 13. R. Kothari, Party System and Election Studies, Bombay, Asia Publishing House, 1967.
- 14. I. Narain (ed.), State Politics in India, Meerut, Meenakshi Parkashan, 1967.
- 15. M.V. Pylee, Constitutional Government in India, Bombay, Asia Publishing House, 1977.
- 16. M.V. Pylee, An Introduction to the Consutitution of India, New Delhi, Vikas, 1998.
- 17. S.P. Verma and C.P. Bhambari (ed.), *Election and Political Consciousness in India*, Meerut, Meenakshi Parkashan, 1967.
- 18. B,L. Fadia, Indian Government and Politics, Agra, Sahitya Bhavan Publications, 2008.
- 19. A.S. Narang, Indian Government and Politics, New Delhi, Gitanjali, 1999.
- 20. Indian Journal of Political Sciences
- 21. Punjab Journal of Politics
- 22. Seminar
- 23. Lloyd I. Rudolph and Susanne Hoeba Rudolph, *Explaining Indian Democracy: A Fifty-Year Perspective, 1956-2006,* Vol. I, II, III, New Delhi, OUP, 2008.
- 24. Francine Frankel, India's Political Economy: 1947-2004, New Delhi, OUP, 2006.
- 25. Zoya Hasan, Parties and Party Politics in India, Sage, 2012
- 26. M. Laxmi Kanth, Indian Polity, Tata Mcgraw, 2012
- 27. V. Krishna Ananth, India Since Independence: Making Sense of Politics, Pearson, 2011.
- 28. Bipin Chandra, India since Independence, Benjamin, 2007.

#### PAPER-IV WOMEN EMPOWERMENT

## WOMEN RIGHTS AND LEGAL REFORMS: IDEOLOGIES AND PRACTICE

#### Time: 3 Hrs.

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

#### Women Rights:

1. Dowry Prohibition Act 1961.

2. Prohibition of Child Marriage Act 2006.

## SECTION-B

## Women Rights and Marriage Laws

- 1. Sources of Hindu Law; Concept of Marriage under Hindu Marriage Act 1955, Special Marriage Act 1954.
- 2. Sources of Muslim Law: Classification of Marriage and Ceremonies of Marriage.

## SECTION-C

### Women Rights and Maintenance Acts: Relevant Provisions

- 1) Hindu Adoption & Maintenance Act 1956
- 2) Hindu Succession Act 2005
- 3) Muslim law regarding Maintenance and Succession.

#### SECTION-D

## Women Rights: Role of Civil Society and NGO's

- 1. Civil Society, women and gender issues.
- 2. NGO's in India and the challenges for Women Empowerment.
- 3. National Alliance of Women's Organization (NAWO) and its achievements.
- 4. CEDAW and its implementation in India.

## Max .Marks: 100

# PAPER-V Opt.(i) SOCIOLOGY

# SOCIAL CHANGE IN INDIA

**Time: 3 Hours** 

#### Marks: 100

# Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

### SECTION-A

a) Social Change: Meaning and Forms: Evolution, Revolution, Progress and Development.

# SECTION-B

b) Factors of Social Change: Demographic, Education, Industrialization, Legislation, Urbanizaion.

# SECTION-C

a) **Processes of Change:** Sanskritization, Westernization, Modernization, Secularization, Globalization.

# SECTION-D

b) Challenges of Social Change: Dowry, Domestic Violence, Divorce, Problems of elderly, Female foeticide.

# **Books Recommended:**

- 1. Ahuja, Ram: Social Problems, Rawat Publishers, New Delhi, 1992.
- 2. Abraham, M. Francis: Contemporary Sociology, Oxford University, New Delhi, 2006.
- 3. Gill, S.S.: The Pathology of Corruption, Harper Collin Publishers, New Delhi, 1998.
- 4. Kapila, S: A Textbook of Sociology, Part-I & II, New Academic House, Jalandhar, 1990-91.
- 5. Kuppuswamy, B.: Social Change in India, Vikas, Delhi, 1975.
- 6. Macionis, John.J and Ken Plumer. 2014, Sociology: A Global Introduction. London: Pearson.
- 7. Maclver, R.M. & Page, Charles H.: Society, An Introductory Analysis, Macmillan, London, 1974.
- 8. Srinivas, M.N.: Social Change in Modern India, Orient Longman, Bombay, 1972.

# PAPER-V Opt.(ii) ECONOMICS

# INTERNATIONAL ECONOMICS AND PUBLIC FINANCE

### Time: 3 Hours

# Max. Marks: 100

# Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

# **SECTION-A**

**International Trade:** Internal and External Trade. Classical and Heckscher. Ohlin Theories, Gains from Trade, Terms of Trade, (gross, net and income terms of trade). Trade and economic development.

**Commercial Policy:** Free trade vs. protection, rationale of a protectionist policy in less developed area. GATT & WTO (Introductory).

# **SECTION-B**

**Balance of Payments:** Meaning and components of balance of payments, Methods for correcting adverse balance of payments, devaluation and direct control.

Rate of Exchange: Meaning and determination, Fixed and flexible exchange rates.

# **SECTION-C**

Public Finance: Nature, scope importance.

**Public Expenditure**: Meaning, principles, importance, effect of public expenditure on production and distribution.

# SECTION-D

**Taxes**: Meaning, classification, features of a good taxation system, canons of taxation, incidence and impact of taxation.

Public Debt: Meaning, objectives, importance, its burden.

# **Recommended Texts**

- 1. Sodersten, B.O.: International Economics, Macmillan, London, 1980.
- 2. Salvatore, B.: International Economics (1990), Macmillan Publishing Company, New York, 1975.
- 3. Maclean and: International Institutions in Trade Snowdown and Finance (1981).
- 4. Aggarwal, M.R.: International Institutions and Development in Developing Countries, Deep & Deep Publications, New Delhi, 2001.
- 5. Musgrave, R.A.: Theory of Public Finance.
- 6. Taylorm Philip: The Economics of Public Finance.
- 7. Buchanan, J.M.: The Public Finance.
- 8. Baltin, H.: Public Finance.
- 9. Herber, B.P.: Modern Public Finance.

# PAPER-V Opt.(iii) HISTORY

### HISTORY OF THE PUNJAB (AD 1469-1799)

# **Time: 3 Hours**

# Max. Marks: 100

# Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

# SECTION-A

- Sources : Geographical and Physical features, Historical literature in Persian and Punjabi; Religious literature; Administrative records and documents; European travellers' accounts, Non-literary sources : numismatics and paintings; Socio-Religious condition of the Punjab around 1500 A.D. : The Sunnis; the Shias; the Sufis, the Brahmans; the Jogis; the Vaishnava bhakti and the saints.
- 2. Foundation of Sikh Panth : Guru Nanak Dev and his Teachings : Early life, Conception of God, Importance of the Guru, Insistance on right conduct and earnest profession; Institution of community kitchen (Langer) and Congregational worship (sangat), Succession to Guruship.

### **SECTION-B**

- 3. Development of the Sikh Panth : Guru Angad Dev to Guru Arjan Dev: Increasing number of sangats : Sikh ceremonies; the Manji and Masand system, The founding of the sacred places, The Harimandir. Compilation of the Adi Granth.
- 4. **Transformation of the Sikh Panth: Guru Hargobind to Guru Tegh Bahadur:** Martyrdom of Guru Arjan Dev and Guru Hargobind's response; Armed conflict with the state; Circumstances leading to the accession and martyrdom of Guru Tegh Bahadur.

# SECTION-C

- 5. **Creation of Khalsa:** Meaning; Circumstances leading to the creation of the Khalsa (1699); New Social order; Conflict with the Hill chiefs and Mughal administrators; Legacy.
- 6. **Banda Bahadur**: Early life of Banda Bahadur and his meeting with Guru Gobind Singh; His political activities upto the conquest of Sarhind; Establishment of an independent rule; Imperial campaign against Banda.

#### SECTION-D

7. **Political Struggle (1716-48):** Position of the Sikhs; Repression and conciliation by the Mughal governors, Abdus Samad Khan and Zakaria Khan (1716-1745), Ghallughara, Sikh-Afghan struggle (1752-65); Occupation of Lahore, the striking of the coin; Causes of Sikh success against the Mughals and Afghans; **Leading Sardars and Territories:** Nawab

Kapur Singh; Jassa Singh Ahluwalia; Bhangis; Jassa Singh Ramgarhia; Charat Singh and Mahan Singh; Jai Singh Kanhaya; Ala Singh.

8. Political Organisations of the Sikhs in the 18<sup>th</sup> Century: Rakhi; Dal Khalsa; Gurmata, Misl. Emergence of new rulers and their military resources; Administrative arrangements; Land revenue; Administrative of Justice.

# **Suggested Reading:**

- 1. Grewal J.S., From Guru Nanak to Maharaja Ranjit Singh, G.N.D. University, Amritsar, 1982.
- 2. <u>The New Cambridge History of India: The Sikhs of the Punjab</u>, CUP, New Delhi, 1990.
- 3. , *Guru Nanak in History*, Panjab University, Chandigarh, 1969.
- 4. Khushwant Singh, A History of the Sikhs, Vol. I (1469-1839), OUP, Delhi, 1977.
- 5. McLeod, W.H., Guru Nanak and the Sikh Religion, OUP, Delhi, 1968.
- 6. Teja Singh and Ganda Singh, A Short History of the Sikhs Vol. (1469-1765), Patiala 1983
- 7. Banerjee, I.B. Evolution of the Khalsa, 2 Vols., A. Mukherjee & Co., Calcutta, 1979.
- 8. Grewal, J.S. and S. S. Bal, Guru Gobind Singh, Panjab University, Chandigarh, 1987.
- 9. , and Indu Banga, *The Khalsa Over 300 Years*, Manohar, New Delhi, 1999.
- 10. Harbans Singh (ed), The Encyclopedia of Sikhism, 4 Vols., Punjabi University, Patiala 1992.
- 11. McLeod, W.H. Evolution of the Sikh Community, OUP, Delhi, 1970.
- 12. , Historical Dictionary of Sikhism, OUP, New Delhi, 2002.

#### PAPER-V Opt.(iv) PSYCHOLOGY

#### EXPERIMENTAL PSYCHOLOGY-II (THEORY)

Time: 3 Hours Pass Marks: 35% of the subject (Theory and Practical Separately) Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

**Psychophysics:** Concept of Psychophysics, Physical V/S Psychological continua, Point of Subjective Equality, Weber- Fechner law, Concept of Absolute and Differential Thresholds, Determination of AL and DL by Methods of Limits, Method of Constant Stimuli & Method of Average Error

#### **SECTION-B**

Memory: Concept and Nature, Encoding, Storage, Retrieval, Types of Memory

Mneumonics: An Introduction to the concept of Mneumonics, Constructive memory, Implicit memory & Eyewitness memory. Methods of Retention

Forgetting: Concept and Nature, Factors affecting Forgetting, Theories of Forgetting (Decay, Interference and Retrieval failure)

#### SECTION-C

**Thinking and Problem Solving:** Nature and Types of Thinking. Nature of Problem Solving, Stages of Problem Solving, Factors, Role of Set in Problem Solving **Concept Formation**: Nature, Types and Processes

#### **SECTION-D**

**Correlation:** Concept, Types of Correlation, Nature and Characteristics, Rank Order and Product Moment Methods (Numericals for Individual data), Chi-square Test

#### **References:**

- 1. D'Amato, M.R.: Experimental Psychology: Methodology Psychophysics and Learning, McGraw Hill Company, New Delhi,1970.
- 2. Postman, L and Egan, J.P.: Experimental, Psychology, Harper and Row, New York.
- 3. Woodworth, R.S. and Schlosberg, H.: Experimental Psychology, New York; Holt, Rinehart and Winston Inc. 1954.
- 4. Galotti, K.M. (2007): Cognitive Psychology in and Out of the Laboratory, Thomson Wads Worth.

76

# SEMESTER-IV PSYCHOLOGY

# (PRACTICAL)

### Marks: 25

# **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External Examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write-up of file book (5 Marks), performance and viva-voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

#### Five Practicals have to be performed out of the following:

- 1. Measurement of Differential Threshold
- 2. Recall Vs Recognition Method
- 3. Retroactive inhibition
- 4. Problem-Solving
- 5. Concept formation.
- 6. Immediate Memory Span

#### PAPER-V Opt.(v)

# **COMPUTER SCIENCE**

# DATA STRUCTURES & PROGRAMMING LANGUAGE USING C++ (THEORY)

Time: 3 Hours 4 Hours/week Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

#### **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

**Data Structure:** Introduction to elementary Data Organization, Common Operation on Data Structures, Algorithm Complexity, Big O Notation, Time-Space Trade off between Algorithm. **Arrays:** Array Defined, Representing Arrays in memory, Various operations on Linear arrays, Multi Dimensional arrays.

**Linked Lists:** Types of Linked Lists, representing linked list in memory, advantages of using linked lists over arrays, Various operations of linked lists.

#### **SECTION-B**

**Stacks:** Description of STACK structure, Implementation of stack, using arryas and linked lists, application of stack-converting Arithmetic expression from infix notational to polish and their subsequent evaluation, quicksort technique to sort an array.

**Queues:** Description of queue structure, Implementation of queue using arrays and linked lists, description or priorities of queues, deques.

#### SECTION-C

**Sorting and Searching** : Sorting Algorithms, bubble sort, selection sort, insertion sort, quick sort, merge sort, heap sort, searching Algorithms, linear search and binary search.

#### SECTION-D

**Object Oriented Programming:** Objects & Classes, Constructor & Destructor, Operator Overloading, Overloading uniary operators, Overloading binary operators, Data conversion, Pitfalls of operator overloading and conversion, Inheritance, Derived class and pase, Derived class constructor. Overloading member functions, Inheritance in the English distance class, class hierarchies, Public & Private inheritance, Level of inheritance, Polymorphism, problems with single inheritance, multiple inheritance

# **References:**

- Seymour Lischutz, *Theory and Problems of Data Structures*. Schaum's Outline Series, McGraw Hill Company. Tanenbaum, *Data Structure Using C++* 1.
- 2.
- 3.

# SEMESTER-IV

# **COMPUTER SCIENCE**

# DATA STRUCTURES & PROGRAMMING LANGUAGE USING C++ LAB (PRACTICAL)

# 2 Hours/week

Marks: 25

Practical based on Data Structures & Programming Language Using C++

#### PAPER-V Opt.(vi)

#### PHILOSOPHY INDUCTIVE LOGIC AND ENVIRONMENTAL ETHICS (OPT. I) (ONLY FOR REGULAR STUDENTS)

Lectures to be delivered: 6+4=10 per week Time: 3 Hours Pass Marks: 35% Marks: 100 Theory Marks: 80 Practical Marks: 20

# Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

# SECTION-A

- 1. Induction: Definition and Characteristics of Induction; Types of Induction (Simple Enumeration, Scientific Induction and Analogy); Difference between Deduction and
- 2. Causation: Nature of Cause, Plurality of Causes (Mill), Uniformity of Nature.
- 3. Definition, Nature and Conditions of Valid Hypothesis; and its uses.

# **SECTION-B**

- 4. Indian Logic: Definition, Nature and Scope.
- 5. Nyaya Syllogism: Difference between Nyaya Syllogism and Aristotelian Syllogism
- 6. Anumana in Nyaya Darshan: Meaning, Kinds, Panca-avayava, Vyapti.

# SECTION-C

- 7. Environmental Ethics: Definition, Nature, Problems.
- 8. Ecology: Definition, Scope and its relation to Ethics.
- 9. Man-Nature Relationship (Indian Tradition).

# SECTION-D

- 10. Population: Meaning, Population Dynamics, Migration, Problem, Causes of Over-Population and Solutions.
- 11. Pollution: Kinds, Causes and Solutions.
- 12. Nuclear Threat: Challenges and Solutions.

# **Recommended Readings:**

# **English Books**

- 1. Attield, R., Environmental Philosophy: Principles and Prospects, Aldershot, Avebury, 1994.
- 2. Barlingay, S.S., *A Modern Introduction to Indian Logic*, National Publishing House, Delhi, 1965.
- 3. Chahal, Surjit Kaur, *Environment and The Moral Life, Towards A New Paradigm*, Ashish Publishing House, New Delhi, 1994.
- 4. Cohen and Negal, *Introduction to Logic and Scientific Methods*, Allied Publishers, Bombay, 1976.
- 5. Dreyer, Oleg, *Ecological Problems of Developing Countries*, Ajanta Publications, Delhi, 1989.
- 6. Facione, Peter A., *Logic and Logical Thinking, A Modular Approach*, McGraw Hill, New York, 1978.

# Punjabi Books

- 1. ਤ੍ਰਿਲੋਚਨ ਸਿੰਘ, *ਵਾਤਾਵਰਣ : ਦਰਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1995.
- 2. ਨਿਰਾਕਾਰੀ, ਆਰ.ਡੀ., *ਉਚੇਰਾ ਤਰਕ ਸ਼ਾਸਤਰ*, ਪਬਲੀਕੇਸ਼ਨਜ਼ ਬਿਊਰੋ, ਪਟਿਆਲਾ।
- 3. ਵਜ਼ੀਰ ਸਿੰਘ ਅਤੇ ਹਰਨਾਮ ਸਿੰਘ, *ਤਰਕ ਗਿਆਨ ਦੀ ਜਾਣ-ਪੱਛਾਣ :* (ਭਾਗ-2) (ਆਗਮਨ), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

# Hindi Books

1. ਤਿਵਾਰੀ, ਕੇਦਾਰਨਾਥ, *ਭਾਰਤੀਯ ਤਰਕਸ਼ਾਸਤਰ ਪਰਿਚਯ*.

# ES1-221 ENVIRONMENTAL STUDIES (COMPULSORY PAPER)

#### Time: 3 Hrs. **Teaching Methodologies**

**Exam Pattern:** 

The Core Module Syllabus for Environmental Studies includes class room teaching and field work. The syllabus is divided into 8 Units [Unit-1 to Unit-VII] covering 45 lectures + 5 hours for field work [Unit-VIII]. The first 7 Units will cover 45 lectures which are class room based to enhance knowledge skills and attitude to environment. Unit-VIII comprises of 5 hours field work to be submitted by each candidate to the Teacher in-charge for evaluation latest by 15 December, 2019.

#### **End Semester Examination- 75 marks**

#### Project Report/Field Study- 25 marks [based on submitted report] **Total Marks-100**

The structure of the question paper being:

Part-A, Short answer pattern with inbuilt choice – 25 marks

Attempt any five questions out of seven distributed equally from Unit-1 to Unit-VII.

Each question carries 5 marks. Answer to each question should not exceed 2 pages.

#### Part-B, Essay type with inbuilt choice – 50 marks

Attempt any five questions out of eight distributed equally from Unit-1 to Unit-VII. Each

question carries 10 marks. Answer to each question should not exceed 5 pages.

# **Project Report / Internal Assessment:**

**Part-C**, Field work – **25 marks [Field work equal to 5 lecture hours]** The candidate will submit a hand written field work report showing photographs, sketches, observations, perspective of any topic related to Environment or Ecosystem. The exhaustive list for project report/area of study are given just for reference:

- Visit to a local area to document environmental assets: River / Forest/ Grassland / Hill / Mountain / Water body / Pond / Lake / Solid Waste Disposal / Water Treatment Plant / 1. Wastewater Treatment Facility etc.
- Visit to a local polluted site Urban / Rural / Industrial / Agricultural 2.
- Study of common plants, insects, birds 3.
- Study of tree in your areas with their botanical names and soil types 4.
- 5.
- Study of birds and their nesting habits Study of local pond in terms of wastewater inflow and water quality 6.
- 7. Study of industrial units in your area. Name of industry, type of industry, Size (Large, Medium or small scale)
- 8. Study of common disease in the village and basic data from community health centre
- 9. Adopt any five young plants and photograph its growth
- 10. Analyze the Total dissolved solids of ground water samples in your area.
- 11. Study of Particulate Matter (PM<sub>2.5</sub> or PM<sub>10</sub>) data from Sameer website. Download from Play store.
- 12. Perspective on any field on Environmental Studies with secondary data taken from Central Pollution Control Board, State Pollution Control Board, State Science & Technology Council etc.

# Unit-I

The multidisciplinary nature of environmental studies Definition, scope and importance, Need for public awareness

(2 lectures)

Unit-II

- Natural Resources: Renewable and non-renewable resources: Natural resources and associated problems.
  (a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
  (b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
  (c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources case studies.
- mineral resources. Ose and exploitation, environmental effects of extracting and using more resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case (d) studies.

Max. Marks: 100

- (e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, case studies.
   (f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and descritification.
- and desertification.
  - Role of an individual in conservation of natural resources.
  - Equitable use of resources for sustainable lifestyles. (8 Lectures)

#### Unit-III

#### Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem •
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids •
- Introduction, types, characteristic features, structure and function of the following ecosystem: Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, ocean estuaries) 6 Lectures) Unit-IV

#### **Biodiversity and its conservation**

- Introduction Definition: genetic, species and ecosystem diversity
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical aesthetic and • option values
- Biodiversity at global, national and local levels .
- India as a mega-diversity nation Hot-spots of biodiversity
- .
- Hot-spots of biodiversity Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts Endangered and endemic species of India Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity (8 Lectures) .

(8 Lectures)

#### Unit-V

**Environmental Pollution** 

Definition

- Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear pollution Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides

#### **Unit-VI**

Social Issues and the Environment

- From unsustainable to sustainable development
- Urban problems and related to energy
- Water conservation, rain water harvesting, watershed management •
- Resettlement and rehabilitation of people; its problems and concerns. Case studies.
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. Wasteland reclamation
- .
- Consumerism and waste products
- Environmental Protection Act, 1986
- Air (Prevention and Control of Pollution) Act, 1981
- Water (Prevention and control of Pollution) Act, 1974 Wildlife Protection Act
- •
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness

(7 Lectures)

85

#### **B.A. (Women Empowerment)** Three Years Degree Course (Semester-IV)

#### Unit-VII

# Human Population and the Environment Population growth, variation among nations

- Population explosion Family Welfare Programmes Environment and human health
- Human Rights Value Education
- HIV / AIDS
- Women and Child Welfare
- Role of Information Technology in Environmen and Human Health
- Case Studies

#### **Unit-VIII**

# (6 Lectures)

### **Field Work**

- Visit to a local area to document environmental assets river/forest/grassland/hill/mountain
- Visit to a local polluted site Urban / Rural / Industrial / Agricultural Visit to a local polluted site – Otomic Ruler, market and Study of common plants, insects, birds Study of simple ecosystems-pond, river, hill slopes, etc (Field work equal to 5 lecture hours)

#### **References:-**

- 1. Bharucha, E. 2005. Textbook of Environmental Studies, Universities Press, Hyderabad.
- 2. Down to Earth, Centre for Science and Environment, New Delhi.
- 3. Heywood, V.H. & Waston, R.T. 1995. Global Biodiversity Assessment, Cambridge House, Delhi.
- 4. Joseph, K. & Nagendran, R. 2004. Essentials of Environmental Studies, Pearson Education (Singapore) Pte. Ltd., Delhi.
- 5. Kaushik, A. & Kaushik, C.P. 2004. Perspective in Environmental Studies, New Age International (P) Ltd, New Delhi.
- 6. Rajagopalan, R. 2011. Environmental Studies from Crisis to Cure. Oxford University Press, New Delhi.
- 7. Sharma, J. P., Sharma. N.K. & Yadav, N.S. 2005. Comprehensive Environmental Studies, Laxmi Publications, New Delhi.
- 8. Sharma, P. D. 2009. Ecology and Environment, Rastogi Publications, Meerut.
- 9. State of India's Environment 2018 by Centre for Sciences and Environment, New Delhi
- 10. Subramanian, V. 2002. A Text Book in Environmental Sciences, Narosa Publishing House, New Delhi.

# PAPER-I ENGLISH COMPULSORY

# **Time: 3 Hours**

# Max. Marks: 50

# **Texts Prescribed:**

1. All My Sons by Arthur Miller

2. Poems of Nature and Culture, Guru Nanak Dev University, Amritsar

#### **Course Contents:**

- 1. The study of the whole text of the play, All My Sons
- 2. The study of the following poems from the prescribed book.

# Poems of Nature and Culture

William Wordsworth:	"The World is Too Much with Us"
Gordon Lord Byron:	"She Walks in Beauty"
P.B. Shelly:	"Ozymandias"
Alfred Lord Tennyson:	"In Memoriam"
Robert Browning:	"Meeting at Night"
Mathew Arnold:	"Dover Beach"
W.B. Yeats:	"Words"
Wilfred Owen:	"Strange Meeting"
Robert Graves:	"The Portrait"
W.H. Auden:	"The Unknown Citizen"
Dylan Thomas:	"Do not Go Gentle into That Good Night"
Ted Hughes:	"The Thought-Fox"
Sylvia Plath:	"Mirror"
Seamus Heaney:	"Honeymoon Flight"
Rabindranath Tagore:	"False Religion"
Nissim Ezekiel:	"Night of Scorpion"

3. Formal letter and application writing, Resume Writing, Business Writing and Report writing

# **Instructions for the Paper Setter and Distribution of Marks:**

The question paper will consist of three sections and the distribution of marks will be as under: Section A: 10 Marks Section B: 24 Marks Section C: 16 Marks

### Section–A:

I. Six questions (three questions from the play *All My Sons* and three questions from *Poems of Nature and Culture)* requiring very short answers based on the reading of *All My Sons* and the prescribed poems shall be set. The examinees will be expected to answer any FIVE.

(2x5=10 Marks)

# Section-B:

II. THREE questions requiring brief descriptive answers based on character, tone, plot and theme(s) in the play *All My Sons* will be set and examinees will be expected to attempt any TWO.

(6x2=12 Marks)

III. THREE questions on the central idea, theme, tone or style etc. of the prescribed poems from the textbook, *Poems of Nature and Culture* will be set for the students to attempt any TWO of these questions.

(6x2=12 Marks)

# Section–C:

IV. ONE question requiring students to explain a stanza, with reference to context, will be set. The stanza for explanation will be taken from the poems prescribed in the syllabus. ONE essay-type question from the play *All My Sons* will be set.

# The students will be required to answer any of these two questions.

(1x8=8 Marks)

V. TWO questions with internal choice will be set on (a) formal letter/application writing (5 Marks) and (b) Resume Writing/Business Writing and Report Writing (3 Marks)

(5+3=8 Marks)

# **PAPER-II PUNJABI (COMPULSORY)** ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

# ਪਾਠ-ਕਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

ਚੋਣਵੀਆਂ ਪੰਜਾਬੀ ਕਹਾਣੀਆਂ 1. (ਸੰਪਾ. ਡਾ. ਰਮਿੰਦਰ ਕੌਰ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅਮ੍ਰਿਤਸਰ, 2018) ਲੇਖਕ ਕਹਾਣੀ ਕਹਾਣੀ–ਸੰਗ੍ਰਹਿ ਅਜੀਤ ਕੋਰ ਨਿਊ ਯੀਅਰ ਮੌਤ ਅਲੀ ਬਾਬੇ ਦੀ ਗੁਰਬਚਨ ਭੁੱਲਰ ਥਕੇਵਾਂ ਓਪਰਾ ਮਰਦ ਮਨਮੋਹਨ ਬਾਵਾ ਏਕਲਵਯ ਨਰ ਬਲੀ ਜਿੰਦਰ ਸੌਰੀ ਜਖ਼ਮ ਸੁਖਜੀਤ ਹਜ਼ਾਰ ਕਹਾਣੀਆਂ ਦਾ ਬਾਪ ਮੈਂ ਇੰਜੁਆਏ ਕਰਦੀ ਹਾਂ ਜਤਿੰਦਰ ਹਾਂਸ ਰਾਹੂ ਕੇਤੂ ਈਸ਼ਵਰ ਦਾ ਜਨਮ ਅਰਜਨ ਛੇੜ ਗਡੀਰਨਾ ਕੁਝ ਅਣੁਕਿਹਾ ਵੀ ਪੇਮ ਪਕਾਸ਼ ਚੰਦਨ ਨੇਗੀ ਹਰਖ ਸੋਗ ਹਰਖ ਸੋਗ ਜਸਵਿੰਦਰ ਸਿੰਘ ਖੂਹ ਖਾਤੇ ਖੂਹ ਖਾਤੇ ਗੁਰਦੇਵ ਸਿੰਘ ਰੁਪਾਣਾ ਸ਼ੀਸ਼ਾ ਸ਼ੀਸ਼ਾ ਅਤੇ ਹੋਰ ਕਹਾਣੀਆਂ

# ਵਿਸ਼ਾ ਵਸਤੂ/ਸਾਰ/ਪਾਤਰ ਚਿਤਰਣ

- **ਨਾਵਲ : ਏਹੁ ਹਮਾਰਾ ਜੀਵਣਾ** (ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ) 2.
- ਲਗਪਗ 200 ਸ਼ਬਦਾਂ ਵਿਚ ਪੈਰ੍ਹਾ ਰਚਨਾ 3.
- ਸਰਲ ਅੰਗਰੇਜ਼ੀ ਪੈਰ੍ਹੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ 4.
- ਵਿਆਕਰਣ : 5.
  - ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ (ଟି)
  - (ਅ) ਵਾਕਾਤਮਕ ਜੁਗਤਾਂ : ਮੇਲ ਤੇ ਅਧਿਕਾਰ
  - ਕਾਰਕ ਤੇ ਕਾਰਕੀ ਸੰਬੰਧ (ੲ)

# ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

1.	ਂ ਵਿਸ਼ਾ-ਵਸਤ ਲੇਖਕ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ ⁄ਸਾਰ ⁄ਪਾਤਰ ਚਿਤਰਨ (ਦੋ ਵਿਚੋਂ ਇਕ	ਸ)10 ਅੰਕ
2.	ਸਾਰ ⁄ਵਿਸ਼ਾ-ਵਸਤੁ ⁄ਪਾਤਰ ਚਿਤਰਨ (ਦੋ ਵਿਚੋਂ ਇਕ)	
3.	ਪੈਰ੍ਹਾ : ਤਿੰਨਾਂ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਵਿਸ਼ੇ ਉਤੇ	05 ਅੰਕ
4.	ਸਰਲ ਅੰਗਰੇਜ਼ੀ ਪੈਰ੍ਹੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ	05 ਅੰਕ
5.	ਨੰਬਰ 5 ਉਤੇ ਨਿਰਧਾਰਿਤ ਵਿਆਕਰਣ ਵਿਚੋਂ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ	10 ਅੰਕ
6.	ਉਪਰੋਕਤ ਲੜੀ ਨੰਬਰ 1 ਅਤੇ 2 ਦੀਆਂ ਪੁਸਤਕਾਂ ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ	
	5 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਤੋਂ ਵੱਧ ਨਾ ਹੋਵੇ	5x2=10 ਅੰਕ

88

# PAPER-II ਮੁਢੱਲੀ ਪੰਜਾਬੀ (ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ ਤੇ ਸੱਭਿਆਚਾਰ) (In Lieu of Punjabi Compulsory)

Time: 3 Hrs.

Marks: 50

# ਅੰਕਾਂ ਦੀ ਵੰਡ:-

- ਭਾਗ ੳ:- ਇਸ ਭਾਗ ਵਿੱਚ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਕਿਸੇ 10 ਦੇ ਉੱਤਰ 30-40 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿੱਤੇ ਜਾਣ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 2 ਅੰਕ ਹੋਣਗੇ।
- ਭਾਗ ਅ:- ਇਸ ਭਾਗ ਵਿੱਚ 6 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਕਿਸੇ 3 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 400-500 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿੱਤੇ ਜਾਣ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 10 ਅੰਕ ਹਨ।
- ਸਿੱਖ ਪੰਥ ਵਿੱਚ ਪਰਿਵਰਤਨ:- ਗੁਰੂ ਹਰਗੋਬਿੰਦ ਸਾਹਿਬ ਤੋਂ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਸਾਹਿਬ ਤੱਕ (1606-1675) ਮੀਰੀ-ਪੀਰੀ, ਇਸ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਤੇ ਪ੍ਰਭਾਵ, ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ ਦਾ ਜੀਵਨ ਅਤੇ ਯੋਗਦਾਨ, ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਸਾਹਿਬ ਦੀ ਸ਼ਹਾਦਤ।
- ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਤੇ ਖਾਲਸਾ ਪੰਥ ਦਾ ਨਿਰਮਾਣ:- ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ (1675-1708), ਆਰੰਭਿਕ ਜੀਵਨ, ਖਾਲਸਾ ਪੰਥ ਦੀ ਸਾਜਨਾ (1699), ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਦੀ ਸ਼ਖਸ਼ੀਅਤ।
- ਪੰਜਾਬ ਦਾ ਸਮਾਜਿਕ ਤੇ ਸੱਭਿਆਚਾਰਕ ਜੀਵਨ:- ਮੇਲੇ ਅਤੇ ਤਿਉਹਾਰ, ਲੋਕ ਗੀਤ, ਲੋਕ ਨਾਚ, ਪੰਜਾਬ ਦੇ ਪ੍ਰਸਿੱਧ ਲੋਕ ਕਿੱਸੇ: ਪੁਰਨ ਭਗਤ, ਹੀਰ ਰਾਂਝਾ, ਸੋਹਣੀ ਮਹੀਵਾਲ

ਸਬੰਧਿਤ ਪੁਸਤਕਾਂ:-

- 1. **'ਪੰਜਾਬ ਦਾ ਲੋਕ ਵਿਰਸਾ'**, ਕਰਨੈਲ ਸਿਮਘ ਥਿੰਦ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ।
- 2. **'ਪੰਜਾਬ ਦਾ ਵਿਰਸਾ'**, ਪ੍ਰਿਥੀਪਾਲ ਸਿੰਘ ਕਪੁਰ, ਨਿਊ ਬੁੱਕ ਕੰਪਨੀ ਜਲੰਧਰ।
- 'ਪੰਜਾਬ' (ਇਤਿਹਾਸ; ਕਲਾ ਸਾਹਿਤ ਤੇ ਸੱਭਿਆਚਾਰ ਆਦਿ) ਮੁੱਖ ਸੰਪਾਦਕ ਮਹਿੰਦਰ ਸਿੰਘ ਰੰਧਾਵਾ, ਭਾਸ਼ਾ ਵਿਭਾਗ ਪੰਜਾਬ ਪਟਿਆਲਾ।
- 4. 'ਸ਼ਿਰੋਮਣੀ ਸਿੱਖ ਇਤਿਹਾਸ' 1469-1708 ਡਾ. ਸੁਖਦਿਆਲ ਸਿੰਘ, ਸੰਗਮ ਪਬਲੀਕੇਸ਼ਨ, ਸਮਾਣਾ।
- 5. **'ਸੰਖੇਪ ਜੀਵਨ ਦਸ ਗੁਰੂ ਸਾਹਿਬਾਨ'**, ਗਿਆਨੀ ਜਗਤਾਰ ਸਿੰਘ ਰਾਏ ਮੋਰਾਵਾਲੀ, ਆਜਾਦ ਬੁੱਕ ਡੀਪੂ, ਹਾਲ ਬਜਾਰ, ਅੰਮ੍ਰਿਤਸਰ।
- 6. **'ਸਿੱਖ ਇਤਿਹਾਸ'** (1469-1765), ਪ੍ਰਿੰਸੀਪਲ ਤੇਜਾ ਸਿੰਘ, ਡਾ. ਗੰਡਾ ਸਿੰਘ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਉਰੋ ਪੰਜਾਬੀ ਯੂਨਵਿਰਸਿਟੀ ਪਟਿਆਲਾ।
- 7. **'ਸਿੱਖ ਇਤਿਹਾਸ'** ਭਾਗ ਪਹਿਲਾ, ਖੁਸ਼ਵੰਤ ਸਿੰਘ ਅਨੁਵਾਦਕ ਡਾ. ਗੁਰਦਰਸ਼ਨ ਸਿੰਘ ਔਲਖ, ਲਾਹੋਰ ਬੁੱਕ ਸ਼ਾਪ ਲਧਿਆਣਾ।
- 8. **'ਪੰਜਾਬ ਦਾ ਵਿਰਸਾ'** (ਪੰਜਾਬ ਦੇ ਸਭਿਆਚਾਰ ਦਾ ਵਿਕਾਸ) ਪ੍ਰਿਥੀਪਾਲ ਸਿੰਘ ਕਪੂਰ, ਨਿਊ ਬੁਕ ਕੰਪਨੀ ਜਲੰਧਰ।
- 9. **'ਸਿੱਖ ਹਿਸਟਰੀ'** 1469-1988 ਖੁਸ਼ਵੰਤ ਸਿੰਘ, ਨਵਯੁੱਗ ਪਬਲਿਸ਼ਰਜ ਨਵੀਂ ਦਿੱਲੀ।
- 10. **'ਸਾਡਾ ਇਤਿਹਾਸਭਾਗ ਪਹਿਲਾ'** (1469–1708) ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ: ਸਤਿਬੀਰ ਸਿੰਘ, ਨਿਉ ਬੁੱਕ ਕੰਪਨੀ ਜਲੰਧਰ।
- 11. 'ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ' (1469-1799) ਸ਼ਿਵ ਗਜਰਾਨੀ, ਮਦਨ ਪਬਲਿਸ਼ਰਜ ਪਟਿਆਲਾ।

#### PAPER-III POLITICAL SCIENCE

#### **COMPARATIVE POLITICAL SYSTEMS (UK & USA)**

### Time: 3 Hours

#### Max Marks: 100

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

# Unit–I

#### **Theoretical Framework**

- 1. Meaning and Scope of Comparative Government and Politics.
- 2. Comparative Method.
- 3. Systems Approach: David Easton and Almond and Powell.

#### Unit–II

- 1. Features of British Political System.
- 2. Features of US Political System.
- 3. Executive in US: President, Powers, Position and Role,
- 4. Executive in UK: Monarchy, PM, Powers, Positions and Role.

#### Unit–III

- 1. Legislatures in US & UK: Functioning and Changing Role.
- 2. Political Parties and Pressure Groups in US and UK.

#### Unit–IV

- 1. Judicial System in USA and UK: Judicial Review in USA and Rule of Law in UK.
- 2. Unitary v/s Federal System, USA and UK.

### **Books Recommended:**

- 1. Rod Hague and Martin Harrop, *Comparative Government and Politics*, New Delhi, Palgrave Macmillan, 2007.
- 2. G.A. Almond, G.B. Powell, K. Strom, R.J. Dalton, *Comparative Politics Today: A World View*, New Delhi, Pearsons, 2006.

- 3. J.C. Johari, *New Comparative Government*, New Delhi, Lotus Press, 2006, 4263/3, Ansari Road, Daryaganj, New Delhi-110002.
- 4. A.C Kapur and K.K. Misra, *Selection Constitutions*, New Delhi, S. Chand, 2006 (Sixteenth Revised Edition).
- 5. A.C. Kapur and K.K. Misra, *Selection Constitutions*, New Delhi, S. Chand, 2006 (Sixteenth Revised Edition).
- 6. S.N. Ray, Modern Comparative Politics: Approaches, Methods and Issues, New Delhi, PHI, 1999.
- M.V. Pylee, Select Constitutions of the World, New Delhi, Universal Law Publishers, 2006 (Revised).
- 8. Judith Bara And Mark Lennigton, Comparative Politics, Sage, 2009
- 9. William R. Clarks, Matt Golder and Sona Nadenichek, *Principals of Comparative Politics*, CQ Press, 2012
- 10. December Green and Lenra Luhrmann, *Comparative Politics of the Third World*, Viva 2004
- 11. Vishnoo Bhagwan and Vidhya Bhushan, World Constitutions, Sterling, 2002
- 12. Daniele Caramani, Comparative Politics, Oxford, 2008
- 13. Vidhya Bhushan, Comparative Politics, Atlantic, 2008

#### PAPER-IV WOMEN EMPOWERMENT

# WOMEN EMPOWERMENT AND LAWS

# Time- 3Hrs.

Max. Marks-100

#### **Instructions for the Paper Setters:**

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

#### UNIT-I

# Women and Social issues: relevant provisions:

- 1. Protection of Women from Domestic Violence Act, 2005
- 2. The sexual harassment of women at workplace Prevention, Prohibition and Redressal Act 2013

# UNIT-II

# Women and Labour Laws: Relevant Provisions:

- 1. Employees State Insurance Act 1948
- 2. Maternity Benefit Act 1961

#### UNIT-III

#### Women and Maintenance Laws

- 1. Married Women and Property Act 1874
- 2. Married Women Property (Extension Act) 1959
- 3. Istri Dhan and Alimony.

#### **UNIT-IV**

# Women and Laws: Education and Politics

- 1. National Plan of Action for Girl Child (1991 to 2000)
- 2. Women and Constitutional Amendments 73rd, 108th, 110th, 112th.

# PAPER-V Opt.(i) SOCIOLOGY

# SOCIAL THOUGHT

**Time: 3 Hours** 

Max. Marks: 100

#### **Instructions for the Paper Setters:**

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

#### UNIT-I

- a) Auguste Comte: Law of three stages, Positivism
- b) Herbert Spencer: Social Darwinism and types of Society.

#### UNIT-II

a) **Karl Marx:** Dialectical Materialism, Historical Materialism, class and class struggle, Alienation.

#### UNIT-III

a) Max Weber: Theory of Social Action, Types of Authority, Protestant Ethic and Spirit of Capitalism.

#### UNIT-IV

a) **Emile Durkheim:** Nature and Characterstics of Social facts, Division of Labour in Society, Theory of Suicide.

#### **Books Recommended:-**

- 1. Abraham, F and J.H Morgan., Sociological Thought. New Delhi: Trinity Press2014.
- 2. Abraham, M. Francis: Contemporary Sociology, Oxfrod University, New Delhi, 2006.
- 3. Aryon Raymond: *Main Currents in Sociological Thought*, Vols. I, II, Penguin, Harmondsworth, 1968.
- 4. Ashley, David, Orenstein, D.M.: Sociological Theory, Dorling Kindersly, Delhi, 2007.
- 5. Coser, Lewis A: Master of Sociological Thought, Harcourt Brace Jovanovich, New York, 1971.
- 6. Jammu I.S.: Samajak Vigyan Pattar, No.-26-28, Punjabi University, Patiala, 1998.
- 7. Judge, Paramjit Singh: Foundations of Classical Sociological Theory. New Delhi: Pearson. 2012.
- 8. Judge, Paramjit Singh: Samaj Vigyanik Drishtikon te Sidhant, Panjabi University, Patiala, 1997.
- 9. Kapila, S.: Fundamentals of Sociology, Vol. III, Panchkula, Kapila Publishers, 2006.
- 10. Kundu, Abhijit. Sociological Theory. New Delhi: Pearson. 2012.
- 11. Ritzer, George. Classical Sociological Theory. New Delhi: McGraw Hill. 2016.
- 12. Royce, Edward. Classical Social Theory and Modern Society. Jaipur: Rawat. 2015.

# PAPER-V Opt.(ii) ECONOMICS

#### ECONOMICS OF DEVELOPMENT

# Time: 3 Hours

#### Max. Marks: 100

### **Instructions for the Paper-Setters/Examiners:**

- (i) First question consisting of 10 short answer type based upon the entire syllabus, (Each Carrying 2 Marks) will be compulsory.
- (ii) Students will attempt 1 out of 2 questions from each of the four units (20 marks each).

#### UNIT-I

**Economic Development:** Meaning and Measurement, Economic and Non-Economic Factors, Nature of Underdevelopment, Characteristics of Undeveloped Countries. Human Development Index, Concept of Sustainable Development.

**Dualism:** Social and Technological Dualism, Lewis Model of Unlimited Supply of Labour, Problems of Unemployment and Disguised Unemployment.

#### UNIT-II

Models of Growth: Classical, Marxian, Schumpeter's, Harrod-Domar and Solow's Growth Models.

#### UNIT-III

Rostow's Stage Theory, Strategies of Economic Development-Balanced vs. Unbalanced Growth; Theory of Big Push; Libenstrein's Critical Minimum Efforts Thesis, Export Promotion and Import Substitution.

#### UNIT-IV

Capital Formation – Meaning and Sources. Choice of Technique, Role of Planning in Under Developed Countries, Need, Objective, Strategy, Types and Problems of Planning.

#### **Suggested Readings:**

- 1. Rostow W.W.: Stages of Growth
- 2. G.M. Meier: Leading Issues in Economic Development.
- 3. Micheal Todaro: Economic Development in the Third World.
- 4. Higgins: Economic Development: Theory and Politics.
- 5. Meier, G.M.: Leading Issues in Economic Development, Oxford University Press, New Delhi, 1995.
- 6. Thirlwall, A.P.: Growth and Development, Macmillan, London, 1999.
- 7. Todaro, M.P.: Economic Development in Third World, Oxford University, London.
- 8. Yotopoulous, P.A. and Nugent, J.: Economics of Development, Harper and Row, New York.

# PAPER-V Opt.(iii) HISTORY History of the World (C 1500-1956 AD)

Time: 3 Hours 100 Note: The question paper will consist of two sections as follows:-

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

#### UNIT-I

- 1. **Emergence of the Modern World:** Renaissance and reformation; Causes, effects of Renaissance in Europe; Martin Luther's Protestantism;
- 2. French Revolution: Causes; National Assembly; National Convention, Nepoleon's rise to Power, Civil Works and Codes, Continental System, Downfall of Nepoleon, Vienna Settlement.

#### UNIT-II

- 3. **Rise of Imperialism and Nationalism in Europe:** Industrial Revolution; Unification of Italy, Unification of Germany.
- 4. The World War-I: Causes and Impact of the war, Treaty of Versailles; League of Nations.

#### UNIT-III

- 5. **Russian Revolution** : Causes, February Revolution, October Revolution; New Economic Policy.
- 6. **Rise of China and Japan** : The revolution of 1911; Rise of Communism in China; the Revolution of 1949; Opening up of Japan; Meiji restoration and the Modernization of Japan.

#### UNIT-IV

- 7. **Rise of USA as World Power** : Entry in the First World War; 14 points of President Wilson; New Deal of Roosevelt; 2nd World War and the USA.
- 8. Towards World War II and its Aftermath : Fascism in Italy; Nazism in Germany; Causes and Impact of the World War II; the UNO; the Cold War.

# **Suggested Reading**

- 1. Lowe, Norman, Mastering Modern World History, Macmillan, New Delhi, 1997
- 2. Chakarbarti, Ranjan, A History of the Modern World, Ratan Sagar Private Limited. 2012
- 3. Rao, B.V., History of Modern World, Sterling Publication Pvt. Ltd. New Delhi, 2012

# Max. Marks:

# PAPER-V Opt.(iv) PSYCHOLOGY

# ABNORMAL PSYCHOLOGY–I (THEORY)

Time: 3 Hours Pass Marks: 35% of the subject (Theory and Practical Separately) Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

# **Instructions for the Paper Setters:**

The question paper will consist of three sections: A, B and C.

- Section-A: It will consist of 10 very short answer type questions with answers to each question up to five lines in length. All questions will be compulsory. Each question will carry 1<sup>1</sup>/<sub>2</sub> marks; total weightage of the section being 15 marks.
- Section–B: It will consist of short answer type questions with answers to each question up to two pages in length. Six questions will be set by the examiner and four will be attempted by the candidates. Each question will carry 9 marks: total weightage of the section being 36 marks.
- Section–C: will consist of essay type questions with answer to each question up to five pages in length. Four questions will be set by the examiner and the candidates will be required to attempt two; Each question will carry 12 marks. Total weightage of the section being 24 marks. The questions are to be set to judge the candidates' basic understanding of the concepts.

# Note:

- 1. The use of Non-Programmable calculators and Statistical Tables are allowed in the examination.
- 2. Only one numerical question is to be set either of nine marks (from Section-B) or of twelve marks (from Section-C).

Abnormality: Concept and Criteria of Abnormality. Myth and Misconceptions regarding Abnormal Behaviour. DSM IV classification of Abnormal Behaviour- Advantages and disadvantages

**Theoretical Perspectives of Psychopathology:** Psychoanalytic, Cognitive Behavioural, Humanistic and Interpersonal (Sullivan).

Causes of Abnormal Behaviour: Primary, Predisposing, Precipitating reinforcing.

Biological Causes–(Genetic defects, constitutional liabilities, Brain dysfunction & Physical deprivation). Psycho-Social Causes–(Self-perception and cognitive maps, early deprivation, Inadequate parenting, pathogenic family structures, maladaptive peer relationship.

Socio-Cultural Causes-(Socio-Cultural Environment and Pathogenic societal influences).

Stress & Coping: Categories of Stressors, Factors Predisposing an individual to stress. Coping strategies.

**Stress Related Disorders:** Coronary Heart Disease (CHD), Hypertension Ulcers & Migraine Pain: Symptoms Causes and general treatment of stress related disorders.

Alcoholism: Misconception about Alcohol & Alcoholism, Clinical Picture, Causes, Treatment & Outcomes.

**Drug Addiction:** Clinical Picture, Causes and Treatment of Opium and its Derivatives, Sedatives (Barbiturates), Stimulants (Amphetamines & Cocaine): Hallucinogens (LSD & related drugs) Marijuana, Caffeine & Nicotine.

# **Readings:**

- Carson, R.C., Butcher, J.N. and Mineka, S. (1997), Abnormal Psychology and Modern Life, New York: Harper Collins.
- 2. Davison, G.C. and Neale, J.M. (1998), Abnormal Psychology, New York: John Wiley and Sons.
- Sarason, I.G. and Sarason, B.R. (1996), Abnormal Psychology, New Delhi: Prentice Hall of India.
- 4. Singh, A. Asadharan Manovigyan, Punjabi University, Patiala.
- Alloy, L.B., Riskind, J.H. & Manso, M.J. (2006), Abnormal Psychology Tata McGraw Hill Publishing Company, New Delhi.

#### PSYCHOLOGY

# (PRACTICAL)

Marks: 25

#### **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write-up of file book (5 Marks), performance and viva-voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

### Five Practicals have to be performed out of the following:

- 1. Word Association Test.
- 2. Adjustment Inventory.
- 3. Raven's Progressive Matrices/Cattell's Culture Fair Intelligence Test.
- 4. Measurement of Attitudes.
- 5. Measurement of Interests.
- 6. Locus of Control.

# PAPER-V Opt.(v) COMPUTER SCIENCE DATA BASE MANAGEMENT SYSTEM & ORACLE (THEORY)

Time: 3 Hours 4 Hours per week Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

# **Instructions for the Paper Setters:-**

- **Note:** (i) In theory eight questions are to be set giving the weightage to all the portions. The candidates are required to attempt any five. All questions are to be of equal marks.
  - (ii) The maximum marks for the paper will be 75.
  - (iii) As for as possible except in the Computer language papers no programme may be asked in theory papers. Emphasis should be on algorithm development.
  - (iv) The students can use only Non Programmable and Non Programmable storage type calculator in the subjects/papers pertaining to computer.

# UNIT-I

# DBMS

Introduction to database management system, components of DBMS, ER. Diagrams, Data Description Language, Data Manipulation Language, SQL.

Data Models, Hierarchical Model, Network Model and Relational Model, Relational Databases. Relational Algebra and Calculus Normalisation.

Database Security, Protection, Integrity, Recovery, Concurrency, Control, Decomposition. Distributed Databases, Knowledge Base/Expert Systems and Object Oriented Databases.

# UNIT-II

#### Oracle 10g SQL \* PLUS

Introduction to Oracle 10 SQL – DDL, DML, DCL.

Join methods & Sub query, Union, Intersection

Built in Functions, View Security amongst users, Sequences, indexing object Features of Oracle 10.

# UNIT-III

# PL/SQL

Introduction to PL/SQL. Cursors – Implicit & Explicit. Procedures, Functions & Packages. Database Triggers.

# **References:**

- 1 Desai B.C.: An Introduction to Database Systems, Galgotia Publishers.
- 2 Date C.J. An Introduction to Database Systems, Vol. I, Narosa Publishers.

# COMPUTER SCIENCE DATA BASE MANAGEMENT SYSTEM & ORACLE (PRACTICAL)

Marks: 25

Practical: Based on Database Management System and Oracle

Note: Practical marks will include the appropriate weightage for proper maintainance of Lab.

# PAPER-V Opt.(vi) PHILOSOPHY WESTERN METAPHYSICS AND EPISTEMOLOGY

Time allowed: 3 hours Lectures to be delivered: 6 per week Pass Marks: 35 Max. Marks: 100

# Note: Instructions for the Paper-Setter

The question paper will consist of five sections: A, B, C, D & E. Sections A, B, C, & D will have two questions from each respective section of the syllabus and each question will carry 15 marks each. Section E, will consist of 10 short answer type questions, which will cover the entire syllabus uniformly and will carry 40 marks in all, each short answer type question carrying 4 marks.

# **Instructions for the Candidates**

Candidates are required to attempt one question from each section A, B, C, and D of the question paper and the entire Section E.

#### Section-A

- 1. Introduction to Western Philosophy: Nature, Scope and Utility
- 2. Idealism: Subjective (Berkeley) and Objective (Plato).
- 3. Materialism: Mechanical and Dialectical.

# Section-B

- 4. Monism (Spinoza)
- 5. Dualism (Descartes)
- 6. Pluralism (Leibnitz)

# Section-C

7. Rationalism: Definition, Meaning and Characteristics

8. Empiricism: Definition, Meaning and Characteristics

9. Intuitionism: Definition, Scope and Characteristics

#### Section-D

- 10. Existentialism: Definition, Nature and Characteristics.
- 11. Logical Positivism: Definition, Nature and Characteristics.
- 12. Pragmatism: Definition, Nature and Characteristics.

#### Section-E

Ten short answer type questions

# **Recommended Readings:**

#### **English Books**

- 1. Ayer, A.J., 20th Century Philosophy, Orion Books, London, 1992.
- 2. Bahm, A.J., *Philosophy An Introduction*, New Delhi, Asia publisher house, 1964.
- Grossman Reinhardt, Phenomenology and Existentialism: An Introduction, London; Boston: Routledge & K. Paul, 1984.
- 4. James William, *Pragmatism and Four Essays from the Meaning of Truth*, New Delhi, Eurasia, 1975.
- 5. Stephen, Conner, *Fundamental Questions in Philosophy*, Harmondsworth, Middlesex, Penguin Books, 1971.
- 6. Stumpf, Samuel Enoch, *Socrates to Sartre: A History of Philosophy*, McGraw-Hill, New York, 1966.
- 7. Titus, H., *Living Issues in Philosophy*, Eurasia, New Delhi, 1968.

### **Punjabi Books**

1. ਸੰਧੁ, ਜੀ.ਐਸ., *ਤੱਤ ਮੀਮਾਂਸਾ ਅਤੇ ਗਿਆਨ ਮੀਮਾਂਸਾ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

# Hindi Books

1. ਪ੍ਰਸਾਦ, ਰਾਜਿੰਦਰ, *ਦਰਸ਼ਨ ਸ਼ਾਸਤਰ ਕੀ ਰੁਪਰੇਖਾ*, ਮੋਤੀਲਾਲ ਬਨਾਰਸੀਦਾਸ, ਦਿੱਲੀ, 2011.

#### 104

# **B.A. (Women Empowerment)** Three Years Degree Course (Semester-VI)

#### PAPER-I ENGLISH (COMPULSORY)

### Time: 3 Hours

Max. Marks: 50

#### **Texts Prescribed:** 1. *The English Teacher* by R.K. Narayan

2. *Glimpses of Theatre*, Guru Nanak Dev University Amritsar.

# **Course Contents:**

- 1. The study of the whole text of the novel, *The English Teacher*
- 2. The study of the following one-act plays from the prescribed book, *Glimpses of Theatre* 
  - i) "The Will"
  - ii) "Villa for Sale"
  - iii)"Progress"

iv) "The Monkey's Paw"

v) "Sorry Wrong Number"

Essay Writing

# Instructions for the Paper Setter and Distribution of Marks: Note: The paper setters should avoid questions of theoretical nature on English Grammar.

The question paper will consist of three sections and the distribution of marks will be as under:

Section A: 10 Marks Section B: 24 Marks Section C: 16 Marks

#### Section-A:

 SIX questions (three questions based on the prescribed one-act plays from the textbook, *Glimpses of Theatre* and three questions based on the novel, *The English Teacher* requiring very short answers based on the close reading of the prescribed novel and one-act plays shall be set and examinees will be expected to answer any FIVE. (2x5=10 Marks)

#### Section-B:

II. THREE questions requiring brief descriptive answers based on character, tone, plot and theme(s) in the prescribed one-act plays will be set and examinees will be expected to attempt any TWO.

III. THREE questions on central idea, theme, tone or style etc. of the prescribed novel will be set for the students to attempt any TWO of these questions.
 (6x2=12 Marks)
 (6x2=12 Marks)

#### Section–C:

- IV. ONE question requiring the students to write an essay on one of the three given topics will be set. (1x8=8 Marks)
- V. TWO essay type questions (one from the prescribed one-act plays and one from the prescribed novel) will be set for the students to answer any ONE of these questions.

(1x8=8 Marks)

#### **PAPER-II**

# PUNJABI (COMPULSORY) ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ: 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

#### ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

- ਕਾਵਿ ਗੋਰਵ (ਪਹਿਲੇ ਛੇ ਕਵੀ) (ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁੰਮਣ, ਕਰਮਜੀਤ ਕੌਰ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅਮ੍ਰਿਤਸਰ, (ਸ਼ੇਖ ਫਰੀਦ, ਸ਼ਾਹ ਹੁਸੈਨ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ, ਵਾਰਿਸ ਸ਼ਾਹ, ਸ਼ਾਹ ਮੁਹੰਮਦ) (ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ⁄ਵਿਸ਼ਾ ਵਸਤੂ ⁄ ਸਾਰ)
   ਧਰਤੀਆਂ ਦੇ ਗੀਤ (ਸਫ਼ਰਨਾਮਾ), ਬਰਜਿੰਦਰ ਸਿੰਘ ਹਮਦਰਦ,
- ਧਰਤੀਆਂ ਦੇ ਗੀਤ (ਸਫ਼ਰਨਾਮਾ), ਬਰਜਿੰਦਰ ਸਿੰਘ ਹਮਦਰਦ, ਨਾਨਕ ਸਿੰਘ ਪੁਸਤਕਮਾਲਾ, ਅੰਮ੍ਰਿਤਸਰ (ਲੇਖਕ ਜੀਵਨ ਤੇ ਰਚਨਾ/ਸਮਾਜ ਸਭਿਆਚਾਰ ਪਰਿਪੇਖ/ਸਫਰਨਾਮੇ ਦੇ ਤੌਰ ਤੇ ਪਰਖ)
- (ੳ) ਲੇਖ ਰਚਨਾ (ਵਿਗਿਆਨ, ਤਕਨਾਲੋਜੀ ਅਤੇ ਚਲੰਤ ਮਸਲਿਆਂ ਸਬੰਧੀ)
   (ਅ) ਆਧੁਨਿਕ ਸਾਹਿਤ ਰੂਪ: ਕਵਿਤਾ, ਕਹਾਣੀ, ਨਾਵਲ, ਨਾਟਕ, ਇਕਾਂਗੀ (ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਤੱਤ)
- 4. **ਵਿਆਕਰਣ** :
  - (ੳ) ਵਿਆਕਰਨਕ ਸ਼੍ਰੇਣੀਆਂ : ਲਿੰਗ, ਵਚਨ ਅਤੇ ਕਾਰਕ
  - (ਅ) ਕਿਰਿਆ ਵਾਕੰਸ਼ : ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ ਤੇ ਪ੍ਰਕਾਰ

# ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

1.	ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ (ਦੋ ਵਿਚੋਂ ਇਕ)	10	ਅੰਕ	
2.	ਸਮਾਜ ਸਭਿਆਚਾਰ ਪਰਿਪੇਖ/ ਸਫ਼ਰਨਾਮੇ ਦੇ ਤੌਰ ਤੇ (ਦੋ ਵਿਚੋਂ ਇਕ) 10	) ਅੰਕ		
3.	ਲੇਖ ਰਚਨਾ : ਤਿੰਨਾਂ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਵਿਸ਼ੇ ਉਤੇ		05	ਅੰਕ
4.	ਸੰਖੇਪ ਰਚਨਾ		05	ਅੰਕ
5.	ਨੰਬਰ 5 ਉਤੇ ਨਿਰਧਾਰਿਤ ਵਿਆਕਰਣ ਵਿਚੋਂ ਵਰਣਨਾਤਮਕ ਪ੍ਰ	ਸ਼ਨ	10	ਅੰਕ
6.	ਉਪਰੋਕਤ ਲੜੀ ਨੰਬਰ 1 ਅਤੇ 2 ਦੀਆਂ ਪੁਸਤਕਾਂ ਵਿਚੋਂ ਸੰਖੇਪ	ੰ ਉੱਤਰਾਂ	ਵਾਲੇ	
	5 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਤੋਂ ਵੱਧ	। ਨਾ ਹੋਵੇ	-	
		5X	2=10	ਅੰਕ

# PAPER-II

# ਮੁਢੱਲੀ ਪੰਜਾਬੀ (ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ ਤੇ ਸੱਭਿਆਚਾਰ) (In Lieu of Punjabi Compulsory)

# Time: 3 Hrs.

**BCG-102** 

ਅੰਕਾਂ ਦੀ ਵੰਡ :-

- ਭਾਗ ੳ:- ਇਸ ਭਾਗ ਵਿੱਚ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਕਿਸੇ 10 ਦੇ ਉੱਤਰ 30-40 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿੱਤੇ ਜਾਣ । ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 2 ਅੰਕ ਹੋਣਗੇ ।
- ਭਾਗ ਅ:- ਇਸ ਭਾਗ ਵਿੱਚ 6 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ । ਵਿਦਿਆਰਥੀ ਕਿਸੇ 3 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 400-500 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿੱਤੇ ਜਾਣ। ਹਰੇਕ ਦੇ 10 ਅੰਕ ਹਨ ।
- ਰਣਜੀਤ ਸਿੰਘ ਅਧੀਨ ਪੰਜਾਬ ਦਾ ਏਕੀਕਰਨ ਅਤੇ ਵਿਸਥਾਰ :- 1790 ਵਿੱਚ ਪੰਜਾਬ ਦੇ ਰਾਜਨੀਤਿਕ ਹਾਲਾਤ, ਰਣਜੀਤ ਸਿੰਘ ਦਾ ਜੀਵਨ ਅਤੇ ਜਿੱਤਾਂ, ਅੰਮ੍ਰਿਤਸਰ ਦੀ ਸੰਧੀ, ਰਣਜੀਤ ਸਿੰਘ ਦੇ ਅੰਗਰੇਜਾਂ ਨਾਲ ਸਬੰਧ , ਸੈਨਿਕ ਪ੍ਰਬੰਧ, ਪੰਜਾਬ ਦਾ ਮਿਲਾਨ ਬ੍ਰਿਟਿਸ਼ ਰਾਜ ਵਿੱਚ ।
- ਰਾਜਨੀਤਿਕ ਜਾਗ੍ਰਿਤੀ ਅਤੇ ਸਮਾਜਿਕ-ਧਾਰਮਿਕ ਸੁਧਾਰ ਅੰਦੋਲਨ :- 1857 ਦਾ ਵਿਦਰੋਹ ਅਤੇ ਪੰਜਾਬ, ਕੂਕਾ ਅੰਦੋਲਨ, ਗਦਰ ਅੰਦੋਲਨ, ਆਰੀਆ ਸਮਾਜ, ਨਿਰੰਕਾਰੀ ਤੇ ਨਾਮਧਾਰੀ, ਸਿੰਘ ਸਭਾ ਅੰਦੋਲਨ, ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਅੰਦੋਲਨ ਅਤੇ ਅਕਾਲੀ।
- 3. ਵੰਡ ਅਤੇ ਸੁਤੰਤਰਤਾ :- ਜਲਿਆਵਾਲਾ ਬਾਗ ਹੱਤਿਆਕਾਂਡ, ਅਸਹਿਯੋਗ ਅੰਦੋਲਨ, ਨੌਜਵਾਨ ਭਾਰਤ ਸਭਾ, ਸਿਵਲ ਨਾ ਫੁਰਮਾਨੀ ਅੰਦੋਲਨ, ਭਾਰਤ ਛੱਡੋ ਅੰਦੋਲਨ, ਮਹਾਨ ਸੁਤੰਤਰਤਾ ਸੈਨਾਨੀਆਂ ਦਾ ਯੋਗਦਾਨ # ਲਾਲਾ ਲਾਜਪਤ ਰਾਏ
   # ਸ.ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ
   # ਸ. ਭਗਤ ਸਿੰਘ
   # ਸ.ਉਧਮ ਸਿੰਘ
   # ਸ. ਖੜਕ ਸਿੰਘ

Marks: 50

ਸਬੰਧਤ ਪੁਸਤਕਾਂ:-

- 1. **'ਰਣਜੀਤ ਸਿੰਘ',** ਨਰਿੰਦਰ ਕ੍ਰਿਸ਼ਨ ਸਿਨਹਾ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- 2. **'ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ',** ਸੀਤਾ ਰਾਮ ਕੋਹਲੀ, ਆਤਮਾਰਾਮ ਐਂਡ ਸੰਨਜ, ਪਬਲਿਸ਼ਰਜ਼ ਐਂਡ ਬੁੱਕ ਸੈਲਰਜ਼ ।
- 3. **'ਸਿੱਖ ਹਿਸਟਰੀ'** 1469-1988 ਖੁਸ਼ਵੰਤ ਸਿੰਘ, ਨਵਯੁੱਗ ਪਬਲਿਸ਼ਰਜ਼, ਨਵੀ ਦਿੱਲੀ ।
- 4. **'ਸਿੱਖ ਇਤਿਹਾਸ'** ਭਾਗ ਦੂਜਾ (1839–2004), ਖੁਸ਼ਵੰਤ ਸਿੰਘ ਅਨੁਵਾਦਕ ਡਾ. ਗੁਰਦਰਸ਼ਨ ਸਿੰਘ ਔਲਖ, ਲਾਹੋਰ ਬੁੱਕ ਸ਼ਾਪ ਲੁਧਿਆਣਾ।
- 5. 'ਸਿੱਖ ਇਤਿਹਾਸ' (1526-1849) ਬਿਸ਼ਨ ਦਾਸ, ਮਲਹੋਤਰਾ ਬ੍ਰਦਰਜ਼ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ ।
- 'ਪੰਜਾਬ ਦੀਆਂ ਲਹਿਰਾਂ' (1850-1910), ਸ਼ਮਸ਼ੇਰ ਸਿੰਘ 'ਅਸ਼ੋਕ', ਪ੍ਰਕਾਸ਼ਕ ਕਵਿਰਾਜ ਨਰਾਇਣ ਸਿੰਘ ਵੱਲਭ ਨਿਆਮਤ ਪੂਰੀ ।
- 7. 'ਪੰਜਾਬ ਦਾ ਵਿਰਸਾ', ਪ੍ਰਿਥੀਪਾਲ ਸਿੰਘ ਕਪੂਰ, ਨਿਊ ਬੁੱਕ ਕੰਪਨੀ, ਜਲੰਧਰ।
- 8. **'ਸਿੱਖ ਇਤਿਹਾਸ',** ਕਨਿੰਘਮ, ਲਾਹੋਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ ।
- 9. 'ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ' (1791-1966) ਸ਼ਿਵ ਗਜਰਾਨੀ, ਮਦਨ ਪਬਲੀਸ਼ਰਜ਼, ਪਟਿਆਲਾ ।

#### **PAPER-III**

## POLITICAL SCIENCE INTERNATIONAL POLITICS: THEORY AND PRACTICE

## Time: 3 Hours

### Max Marks: 100

### **Instructions for the Paper Setter:**

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- Section–B: The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

## Unit–I

- 1. Meaning, Nature and Scope of International Politics.
- 2. Realist and Idealist Approaches to International Politics.

#### Unit–II

- 1. National Power: Its Elements
- 2. System of Balance of Power and Collective Security

#### Unit-III

- 1. Cold War and Post Cold War era of International Politics.
- 2. Emerging World Order and Multipolarity
- 3. Terrorism in global context:. Its emergence and consequences

## Unit-IV

- 1. Regional Organisations: SAARC and EU.
- 2. UNO: Principles, aims, objectives and its work.
- 3. New International Economic Order (NIEO).

## **Recommended Books:**

- 1. Joshua S. Goldstein, International Relations, New Delhi, Pearson Education, 2006.
- 2. John Baylis and Steve Smith, *Globalization of World Politics*, New Delhi, Oxford University Press, 2005.
- 3. V.K. Malhotra, International Relations, New Delhi, Anmol Publishers Private Ltd., 2004.
- 4. R.P. Barston, *Modern Diplomacy*, New Delhi, Pearsons, 2006.

- 5. John Allphin Moore, Jr. and Jerry Pubantz, *The New United Nations, International Organization in the Twenty First Century,* New Delhi, Pearsons, 2008
- 6. J.C. Johari, International Relations and Politics, Sterling, 2012
- 7. V. K. Malhotr, International Relations, Annol 2012
- 8. John Baylis and Sreve Smith, The Globalizations of World Politics, Oxford, 2005
- 9. Pen Ghosh, International Relations, PHI 2009
- 10. Scot. P. Handler, International Politics, Sage, 2013
- 11. Palmer Pertains, International Relations, AIIBS, 2005
- 12. H.J. Morgenthaou, Politics Among Nations, Kalyani, 2004
- 13. Kanth Bajpai & Siddharth Mallavarapn, *International Relations in India : Bringing theory Back Home*, Orient longman, 2005
- 14. Leter Calvocoresis, World Politics (1945-2000), Pearson, 2006

# PAPER-IV WOMEN EMPOWERMENT CONTEMPORARY ISSUES OF WOMEN'S RIGHTS

# Time: 3 Hrs.

Max. Marks: 100

#### **Instructions for the Paper Setters:**

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

## UNIT-I

## Legal Provisions against Female Foeticide

- 1. Medical Termination of Pregnancy Act 1971
- 2. Prenatal Diagnostic and Technique (Regulation and Prevention of Misuse) Act 1994, 2001 and 2002.

## UNIT-II

## Attrocities against women and legal provisions

- 1. Indian Penal Code 1860: Rape (Sec. 375 IPC)
- 2. Types of Rape under IPC
- 3. Criminal Procedure Act 1976: FIR, Protection in case of arrest, detention of women in police lock up, trial in camera etc.

### UNIT-III

### Feminism, Woman Rights and Challenges to Patriarchy in India

- 1. Live in Relationship
- 2. Single Parenthood
- 3. Surrogacy and Adoption

#### UNIT-IV

## Women in globalized era

- 1. Women and New Avenues: Role of Technology, Education and Science.
- 2. Women and New Employment opportunities:-Army, Space and Research
- 3. Women and Entrepreneurship, Media and ICT (Information and Communication Technology).

### PAPER-V Opt.(i)

## SOCIOLOGY SOCIAL RESEARCH AND SCIENTIFIC METHODS

# **Time: 3 Hours**

# Max. Marks: 100

### **Instructions for the Paper Setters:**

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

## UNIT-I

- a) Social Research: Meaning and Functions.
- b) Scientific Methods: Nature, Steps and Types-Quantitative and Qualitative.

### UNIT-II

- a) **Design of Social Research:** Meaning and Types: Exploratory, Descriptive, Experimental.
- b) Sampling and its types.

## UNIT-III

a) Methods and Techniques of Data Collection: Observation, Questionnaire, Interview Schedule and Case Study

# UNIT-IV

a) Data Analysis: Coding and Tabulation and Report Writing.

## **Books Recommended:**

- 1. Bajpai, S.R.: Methods of Social Survey & Research, Kitab Ghar, Kanpur, 1976.
- 2. Bhandarkar, P.L and T.S Wilkinson. 2010, *Methodology and Techniques of Social Research*. Delhi: Himalaya Publishing House.
- 3. Cargen, Leonard. 2008, Doing Social Research. Jaipur: Rawat.
- 4. Goode, and Hatt: Methods in Social Research, McGraw Hill, Tokyo, 1952.
- 5. Ghosh, B.N.: Scientific Method & Social Research, Sterling Publications, New Delhi, 1985.
- 6. Jaspal Singh: Introduction to Methods of Social Research, Sterling, New Delhi, 1990.
- 7. Jayaram, N.: Research Methodology: Methods and Techniques, MacMillian, Madras, 1989.
- 8. Kalton, Graham: Introduction to Survey Sampling, Sage, New Delhi, 1983.
- 9. Kapila, S.: *Methods of Social Research,* New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 1991.
- 10. May, Tim. 2009, Social Research: Issues, Methods and Process. Jaipur: Rawat.
- 11. Singh, Jaspal. 2011, Instruments of Social Research. Jaipur: Rawat.

## PAPER-V Opt.(ii)

## ECONOMICS QUANTITATIVE METHODS FOR ECONOMISTS

## Time: 3 Hours

## Max. Marks: 100

## **Instructions for the Paper-Setters/Examiners:**

- (i) First question consisting of 10 short answer type based upon the entire syllabus (each carrying 2 marks) will be compulsory.
- (ii) Students will attempt 1 out of 2 questions from each of the four units (20 marks each).

## UNIT-I

Sets, Relations and functions, Limits and continuity (Basic concepts), Derivative of simple functions only (excluding log & exponential functions). Maxima/Minima for single variable functions. Introduction to matrices - definition, properties & inverse.

# UNIT-II

Measures of central tendency — Mean, Mode, Median and Geometric Mean; Measures of dispersion.

# UNIT-III

Concepts and Measure of skewness and kurtosis: Boyle's & Karl Pearson's measures. Simple correlation & regression (ungrouped & grouped data).

# UNIT-IV

**Interpolation:** Concepts and Methods — Binomial expansion, Newton and Lagrange's Method (with emphasis on missing values only). Price Index Numbers–Weighted and Unweighted Index Numbers, various formulae and consistency tests.

## **Suggested Readings:**

- 1. Archibald, G. & R.G. Lipsey (1973); Introduction to a Mathematical Treatment of Economics, 2nd Ed. Weisdenfeld and Nicholson, London.
- 2. Yamane, Taro (1968); Mathematics for Economists, 2nd ed. Prentice Hall, Englewood Cliffs, New Jersey.
- 3. Croxton, F.E. Cowden D.J. and Klein, S. (1973); Applied General Statistics, 3rd. Ed., Prentice Hall of India, New Delhi.
- 4. Fox, I.A. (1972); Intermediate Economic Statistics, Wiley Eastern Pvt. Ltd., New Delhi.
- 5. Nagar, A.L. and Das, R.K. (1976); Basic Statistics, Oxford University Press, Bombay.
- 6. Baumol (1973); Economic Theory and Operations Analysis, Prentice Hall of India Pvt. Ltd., New Delhi.

## PAPER-V Opt.(iii)

## HISTORY History of the Punjab (1799-1966)

Time: 3 Hours 100 Note: The question paper will consist of two sections as follows:-

- Section-A: The examiner shall set 10 short answer type questions covering entire syllabus and the candidates will have to attempt 8 questions of 2 marks each. Answer to each question shall be approximately of 50 words. The total weightage of this section shall be 16 marks.
- **Section–B:** The examiner shall set 8 questions, by selecting 2 questions out of each unit. The candidate shall attempt any 6 questions in all by selecting atleast one question from each unit. Each question shall carry 14 marks. The total weightage of this section shall be 84 marks.

## UNIT-I

- 1. **The Establishment and Expansion of Ranjit Singh's Kingdom :** Political condition of the Punjab in the 1790s; Conquests of the Sikh principalities; Subjugation of the Satlej- Jamuna Divide and British intervention; Subjugation of the hill principalities; annexation of Afghan dependencies; Policy towards the defeated rulers; Extent of the kingdom in 1839.
- 2. Administrative Organization of the Kingdom of Lahore: Central, Provincial and local administration; Land revenue system. Jagirdari system, Dharmarth grants; Judicial administration; Military organization; state policy towards agriculture, Manufacture and trade.

## UNIT-II

- 3. Annexation and After : First Anglo-Sikh War; Second Anglo-Sikh War; British administration 1845-1856; Agricultural development.
- 4. Socio-Religious Reform Movements in the late- Nineteenth Century : Christian evangelicals; the Arya Samaj; The Nirankaris and the Namdharis; the Singh Sabhas and the Ahmadiyas.

# UNIT-III

- 5. **Early Nationalist Activities**: The Ghadar movement; Rowlatt Satyagrahs and the Jallianwala Bagh; Non-Cooperation Movement; Hindustan Socialist Republican Army and Naujawan Bharat Sabha; Civil Disobedience and Quit India Movement.
- 6. **Gurdwara Reforms and the Akalis :** Causes of the movement for reform; Central Sikh League; SGPC and the Shiromani Akali Dal ; Major Morchas ; Gurdwara legislation.

## UNIT-IV

- 7. **Towards Partition:** Communal politics; Sikander–Jinnah Pact; Lahore Resolution of the Muslims League; Cabinet Mission Plan; Mountbatten Plan and Partition.
- 8. **The Punjab after Independence**: Reorganisation and rehabilitation: Demand for Punjabi speaking state; The reorganisation Act of 1966.

Max. Marks:

# **Suggested Reading:**

- 1. Grewal, J.S., The Sikhs of the Punjab, CUP, Cambridge, 1990.
- 2. Kirpal Singh, Partition of Punjab, Punjabi University, Patiala, 1972.
- 3. Khushwant Singh, A History of the Sikhs, Vol. I & II Oxford Publication, 2004.
- 4. Kushwant Singh, *Ranjit Singh: Maharaja of the Punjab*, Chatar Singh Jeewan Singh Publication, Amritsar, 2012

# PAPER-V Opt.(iv) PSYCHOLOGY

# ABNORMAL PSYCHOLOGY-II (THEORY)

Time: 3 Hours Pass Marks: 35% of the subject (Theory and Practical Separately) Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

## **Instructions for the Paper Setters:**

The question paper will consist of three sections: A, B and C.

- Section-A: It will consist of 10 very short answer type questions with answers to each question up to five lines in length. All questions will be compulsory. Each question will carry 1<sup>1</sup>/<sub>2</sub> marks; total weightage of the section being 15 marks.
- Section–B: It will consist of short answer type questions with answers to each question up to two pages in length. Six questions will be set by the examiner and four will be attempted by the candidates. Each question will carry 9 marks: total weightage of the section being 36 marks.
- Section–C: It will consist of essay type questions with answer to each question up to five pages in length. Four questions will be set by the examiner and the candidates will be required to attempt two. Each question will carry 12 marks, total weightage of the section being 24 marks. The questions are to be set to judge the candidates' basic understanding of the concepts.

# Note:

- 1 The use of Non-Programmable calculators and Statistical Tables are allowed in the examination.
- 2 Only one numerical question is to be set either of nine marks (from Section-B) or of twelve marks (from Section-C).

(The questions are to be set to judge the candidates basic understanding to the concepts).

**Anxiety Based Disorders:** Symptoms, Etiology and Treatment of Obsessive Compulsive Disorder, Generalized Anxiety Disorder & Phobias. Classification of Somatoform Disorders–Symptoms & Etiology (Conversion Disorder). Dissociative disorders–Types, Symptoms & Etiology.

**Personality Disorders:** Clinical Features, Types and causal factors in Personality Disorders (Paranoid, Schizoid, Schizotypal, Histrionic, Narcissistic, Antisocial, Boderline, Avoidant, Dependent, Obsessive- Compulsive, Passive Agressive, Self-Defeating & Sadistic.

Antisocial Personality & Delinquency: Clinical Picture, Characteristics, Causes, Treatment & Outcomes.

Mood Disorders: Types & Symptoms, Causes and treatment.

Schizophrenia: Symptoms, Causes Types and Treatment.

**Therapies:** Psychodynamic, Behavioural, Cognitive-Behaviour Therapy (Rational Emotive) & Humanistic therapy.

**Statistics:** Introduction to the concept of Hypothesis, One-tailed and two-tailed tests, Type I and Type II errors, Level of significance, degrees of freedom, Significance of Differences between means (Large sample, correlated and uncorrelated).

## **Readings:**

- 1. Broota, K.D. (1989) Experimental Designs in Behavioural Research, Wiley Eastern Limited, New Delhi.
- Carson, R.C. Butcher, J.N., and Mineka, S. (1997), Abnormal Psychology and Modern Life, Harper Collins, New York.
- 3. Davison, G.C. and Neale, J.M. (1998), Abnormal Psychology, John Wiley and Sons, New York.
- 4. Garrett. H.E. (1996), Statistics in Psychology and Education, Vakils, Feffar and Simons, New Delhi.
- 5. Sarason, I.G. and Sarason, B.R. (2002), Abnormal Psychology, Prentice Hall of India, New Delhi.
- 6. Singh, A., Asadharan Manovigyan, Punjabi University, Patiala.
- Barlow, D.H. & Durand, V.M. (2007) Abnormal Psychology: An Integrative Approach. Thomson Wordsworth.

## **SEMESTER-VI**

## PSYCHOLOGY

## (PRACTICAL)

Marks: 25

# **Instructions for the Practical Examination:**

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practical examination will be of 3 hours duration. External examiner will conduct the practical examination. The students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write-up of file book (5 Marks), performance and viva-voce (20 Marks) relating to the practicals. In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

#### Five Practicals have to be performed out of the following:

- 1. Projective Techniques (T.A.T.).
- 2. Measurement of Anxiety.
- 3. Parenting Scale/Home Environment Scale.
- 4. EPQ.
- 5. Measurement of Depression.
- 6. Rosenweig's Pictures Frustration Test.

## PAPER-V Opt.(v)

#### **COMPUTER SCIENCE**

# INFORMATION TECHNOLOGY (THEORY)

Time: 3 Hours Periods/Week: 4 Max. Marks: 100 Theory Marks: 75 Practical Marks: 25

### **Instructions for the Paper Setters:-**

- **Note:** (i) In theory eight questions are to be set in all. The candidates are required to attempt five of them. All questions are to be equal marks.
  - (ii) The maximum marks for the paper is 75.
  - (iii) As per as possible except in the Computer language papers no programme may be asked in theory papers. Emphasis should be on algorithm development.

#### UNIT-I

## **Data & Network Communication:**

Communication media: Twisted pair, Coaxial, Fibre optics, Wireless(Line of Sight & Satellite), Network Advantages, Types & Topologies, Communication using Network protocol/Network Interface card(NP/NIC), Transmission & Communication protocol/protocol(TCP/IP), Moderns, Types of Operating systems: Multiuser, Multitasking & Multiprogramming and their examples.

#### UNIT-II

#### **Information Systems:**

Introduction to IT & its components, What is Information systems, Computer based information systems, Management Information System, Decision Support System, Expert System, Functional Information System, Open Information System, Transaction Processing System, System Development Process & System development Tools. Internet basics, Its uses and Applications.

#### Fundamentals of Networking O.S.:

Introduction to components of various Networking O.S., Case Study of Network Operating System Windows NT.

# UNIT-III

## **Fundamental of Client Server:**

Basics of Client Server model and its applications. Designing a Client Server model by Creating Database Server and networking O.S. Server.

# **Careers in Computers:**

Role of Programmers, Program analysis, System Analyst, System Administrators, System Managers, System Integrators, DTP Manager & Administrators, MIS Director.

# **References:**

- 1. Peter Norton, Introduction to Computers, Glencoe, Macmillan/McGraw Hill. Kroenke, Business Computer System, McGraw Hill.
- 2. Patric, G.Mckeown, Living with the Computers, 2nd edition, HBT Publishers, USA.
- 3. Hussain & Hussain, Computer Technology, Applications & Social Implications, PHI.

## SEMESTER-VI

# **COMPUTER SCIENCE**

# INFORMATION TECHNOLOGY (PRACTICAL)

Periods/Week: 2

Marks: 25

Note: Practical Marks will include the appropriate weightage for proper maintainance of lab record.

# PAPER-V Opt.(vi) PHILOSOPHY

## **OPT. (I) INDIAN METAPHYSICS AND EPISTEMOLOGY**

# Time allowed: 3 hours Lectures to be delivered: 6 per week Pass Marks: 35

Max. Marks: 100

## Note: Instructions for the Paper Setter:-

The question paper will consist of five sections: A, B, C, D & E. Section A, B, C & D will have two questions from each respective section of the syllabus and each question will carry 15 marks. Section E will consist of 10 short answer type questions, which will cover the entire syllabus uniformly and will carry 40 marks in all, each short answer carrying 4 marks.

## **Instructions for the Candidates**

Candidates are required to attempt one question each from the section A, B, C, and D of the question paper and the entire section E.

## Section-A

- 1. Introduction and Salient Features of Indian Philosophy.
- 2. A Brief Introduction of Vaidik Darsan and Avaidik Darsan (Orthodox and Heterodox Systems of Indian Philosophy).
- 3. Concepts of Atman and Brahman in Upanishads.

# Section-B

- 4. Carvaka Darsan: Materialism.
- 5. Samkhya Darsan: Nature and Characteristics of Purusa & Prakirti, Process of Evolution and dissolution.
- 6. Shankaracharya on Maya and Avidya.

## Section-C

- 7. Nyaya Theory of Knowledge: Four Pramanas.
- 8. Buddhism: Theory of Causation (Pratityasamutpada).
- 9. Vaisesika Darsan: Six Categories

## **SEMESTER-VI**

## Section-D

10. Jainism: Anekantvada, Syadvad.

11. Sikhism: Akal Purakh and Jagat Rachna.

12. Yoga Darsan: Nature of Citta and Samadhi

## Section-E

Ten short answer type questions.

## **Recommended Readings:**

# **English Books**

- 1. Abhedananda Swami, *The Yoga Psychology*, Ramakrishna Vedantaz, Calcutta, 1967.
- 2. Chatterjee and Datta, *An Introduction to Indian Philosophy*, University of Calcutta, Calcutta, 1968.
- 3. Daljeet Singh, *Essentials of Sikhism*, Singh Brothers, Amritsar, 1994.
- 4. Daljeet Singh, Sikhism, A Comparative Study of its Theology and Mysticism, Singh Brothers, Amritsar, 2004.
- 5. Daya Krishna, Indian Philosophy : A New Approach , Sri Satguru, Delhi, 1997
- 6. Gopalan S., Outlines of Jainism, Wiley Eastern Ltd. New Delhi, 1975.
- 7. Heera Bhupinder, Uniqueness of Carvaka Philosophy in Indian Traditional Thought
- 8. Hiriyanna, M., *Outlines of Indian Philosophy*, Reprint, der Ausg. London Allen et Unwin, Motilal Banarsidas, Delhi, 2009.
- 9. H. Phillips, Stephen, *Classical Indian Metaphysics*, Motilal Banarsidas, Delhi, 1997.
- 10. Mohanty, J.N., Classical Indian Philosophy, Oxford University Press, New Delhi, 2002.
- 11. Sharma, C.D., A Critical Survey of Indian Philosophy, Motilal Banarsidas, Delhi, 1964.
- 12. Sher Singh, Philosophy of Sikhism, Sikh University Press, Lahore, 1945.
- 13. Singh Lal A., Yoga Psychology; Methods and Approaches, Varanasi
- 14. Talib, Gurbachan Singh (ed.), Jainism, Punjabi University, Patiala, 1986.

# **SEMESTER-VI**

# Punjabi Books

- ਹਿਰਿਆਨਾ, ਐਮ. (ਅਨੁ. ਪ੍ਰਭਕੀਰਤਨ ਸਿੰਘ), ਭਾਰਤੀ ਦਰਸ਼ਨ ਦੀ ਰੂਪ-ਰੇਖਾ, ਯੂਨੀਸਟਾਰ ਬੁਕਸ, ਚੰਡੀਗੜ੍ਹ, 2014.
- 2. ਗੁਪਤਾ, ਸ਼ਾਂਤੀ ਨਾਥ, ਭਾਰਤੀ ਦਰਸ਼ਨ, ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ, 1974.
- 3. ਨਿਰਾਕਾਰੀ, ਆਰ.ਡੀ., *ਭਾਰਤੀ ਦਰਸ਼ਨ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1994.
- 4. ਮਨਮੋਹਨ, *ਦੈਰੀਦੀਅਨ ਵਿਖੰਡਨ ਤੇ ਭਾਰਤੀ ਗਿਆਨ ਸ਼ਾਸਤਰ*, ਪੰਜਾਬੀ ਸਭਿਆਚਾਰਕ ਕੇਂਦਰ, ਦਿੱਲੀ।

# Hindi Books

- 1. ਸਿਨਹਾ, ਹਰਿੰਦਰ ਪ੍ਰਸਾਦ, *ਭਾਰਤੀਯ ਦਰਸ਼ਨ ਕੀ ਰੁਪਰੇਖਾ*, ਮੋਤੀਲਾਲ ਬਨਾਰਸੀ ਦਾਸ, 1963.
- 2. ਮਿਸ਼ਰ, ਉਮੇਸ਼ (ਡਾ.), *ਭਾਰਤੀਯ ਦਰਸ਼ਨ*, ਉੱਤਰ ਪ੍ਰਦੇਸ਼, ਹਿੰਦੀ ਸੰਸਥਾਨ, ਲਖਨਉ, 2003.
- 3. ਰਾਧਾ ਕ੍ਰਿਸ਼ਨਨ, *ਭਾਰਤੀਯ ਦਰਸ਼ਨ*, ਰਾਜਪਾਲ ਐਂਡ ਸੰਨਜ਼, ਦਿੱਲੀ, 1973.

## PAPER-V Opt.(vi)

## PHILOSOPHY

# **OPT. (II) AESTHETICS**

Time Allowed 3 Hours Lectures to be delivered: 6 per week Pass Marks 35 Max. Marks: 100

## Note: Instruction for the Paper Setter:-

The question paper will consist of five sections : A, B, C, D & E. Section A, B, C, will have two questions from each respective section of the Syllabus and each question will carry 15 marks. Section E will consist of 10 short answer type questions, which will cover the entire syllabus uniformly and carry 40 marks in all, each short answer type question carrying 4 marks.

# **Instructions for the Candidates**

Candidates are required to attempt one question each from the section A, B, C and D of the question paper and the entire Section E.

#### Section-A

- 1. Aesthetics: Nature, Concern and Problems.
- 2. Form and Content in work of Art
- 3. Concept of Beauty and Sublime (Kant).

## Section-B

- 4. Rasa Siddhanta in Indian Aesthetics.
- 5. Nature and issues of Natya, Characteristics of Aesthetic Activity.
- 6. Aesthetics and Creativity in GurSikh Matt

## Section-C

- 7. Architecture
   8. Sculpture
   9. Painting and Drawing
- Section-D

- 10. Music
- 11. Poetry
- 12. Theatre

## Section-E

## Ten Short answer type questions.

#### **SEMESTER-VI**

## **Recommended Readings**

#### **English Books**

- 1. Bosanque, Bernard, The History of Aesthetics, George Allen & Unwin Ltd., London, 1967.
- Chatterji, D.C., Fundamental Questions in Aesthetics, Indian Institute of Advanced Studies, Shimla. 1968.
- 3. Ghoshal S.N., *Elements of Indian Aesthetics*, Chaukhambha Orientalia, Varanasi, 1978.
- 4. Graham Gordan, Philosophy of the Arts; an Introduction to Aesthetics, London, 1997.
- 5. Jhanji, Rekha, Aesthetic Communication, New Delhi, M. Manohar Lal, 1985.
- 6. Pandit Sneh, *An Approach to the Indian Theory of Art and Aesthetics*, Sterling Publishers, PVT, New Delhi, 1977.
- 7. Sharma, H.L., Indian Aesthetic and Aesthetics Perspective, Mansi Prakashan, 1995.
- 8. Titus, Harold H., Living Issues in Philosophy, Eurasia, New Delhi, 1968.

## **Punjabi Books**

- 1. ਗੋਪਾਲ ਸਿੰਘ, ਗੁਰੁ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਸਾਹਿਤਕ ਵਿਸ਼ੇਸ਼ਤਾ, ਨੈਸ਼ਨਲ ਪ੍ਰੈਸ ਆੱਫ ਇੰਡੀਆ, ਨਵੀਂ ਦਿੱਲੀ, 1987.
- 2. ਚਮਨ, ਸਰੋਜ, ਸੌਂਦਰਯ ਸ਼ਾਸਤਰ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1997.
- 3. ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ, ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ, ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨ, ਪਟਿਆਲਾ, 2001.
- 4. ਬਲਜੀਤ ਕੌਰ (ਡਾ.), ਸੁਹਜ ਸ਼ਾਸਤਰ ਦੀ ਰੁਪ-ਰੇਖਾ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 1987.

# **Hindi Books**

- 1. ਨਗੇਂਦਰ (ਡਾ.), ਭਾਰਤੀਯ ਸੌਂਦਰਯ ਸ਼ਾਸਤਰ ਕੀ ਭੂਮਿਕਾ, ਨੈਸ਼ਨਲ ਪਬਲਿਸ਼ਿੰਗ ਹਾਉਸ, ਦਿੱਲੀ, 1984.
- 2. ਸ਼ਰਮਾ, ਹਰਦਵਾਰੀ ਲਾਲ, ਸੌਂਦਰਯ ਸ਼ਾਸਤਰ, ਮਾਨਸੀ ਪ੍ਰਕਾਸ਼ਨ, ਕੈਲਾਸ਼ਪੁਰੀ, ਮੇਰਠ, 1999.