# **FACULTY OF SCIENCES**

# **SYLLABUS**

# **FOR**

# Bachelor of Vocation (B.Voc.) (COSMETOLOGY & WELLNESS)

(SEMESTER: I-IV)

**Examinations: 2019-20** 



# GURU NANAK DEV UNIVERSITY AMRITSAR

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# **SCHEME** SEMESTER-I

(Alligned with level 4 of Sector Skill Council - Qualification Pack - Beauty Therapist (BWS/Q0102)

Paper	Paper Title	Theory Marks	Practical Marks	Total Marks
	GENERAL EDUCATION C	OMPONENT	Γ	
PAPER-I	Communication Skills in English-I	50		50
PAPER-II	Punjabi (Compulsory) OR *ਮੁੱਢਲੀ ਪੰਜਾਬੀ OR **Punjab History & Culture	50	-	50
PAPER-III	***Drug Abuse: Problem, Management and Prevention (Compulsory)	50	-	-
	SKILL COMPO	DNENT		
PAPER-IV	Basic Concept of Skin	50	-	50
PAPER-V	Basic Skin Care	20	30	50
PAPER-VI	Epilation and Depilation	25	75	100
PAPER-VII	Manicure and Pedicure	25	25	50
PAPER-VIII	Sanitation and Safety Precautions	30	20	50
			TOTAL =	400

#### Note:

- 1.
- \*Special Paper in lieu of Punjabi Compulsory.

  \*\*For those students who are not domicile of Punjab
- 3. \*\*\*This paper marks will not be included in the total marks.

#### **SEMESTER-II**

 $(Alligned\ with\ level\ 5\ of\ Sector\ Skill\ Council\ -\ Qualification\ Pack\ -\ Hair\ Stylist\ /\ Hair\ Colorist\ (BWS/Q0202)$ 

Paper	Paper Title	Theory Marks	Practical Marks	Total Marks
	GENERAL EDUCATION CO	OMPONE	NT	
PAPER-I	Communication Skills in English-II	35	15	50
PAPER-II	Punjabi (Compulsory) OR *ਮੁੱਢਲੀ ਪੰਜਾਬੀ OR **Punjab History & Culture	50	-	50
PAPER-III	***Drug Abuse: Problem, Management and Prevention (Compulsory)	50	-	-
	SKILL COMPONE	ENT		
PAPER-IV	Basic Concept of Hair	50	-	50
PAPER-V	Hair Care	25	25	50
PAPER-VI	Hair Styling and Dressing	25	75	100
PAPER-VII	Hair Coloring and Lightening	25	25	50
PAPER-VIII	Color Correction	-	50	50
			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 will not be included in the total marks.

# SEMESTER-III

(Aligned with level 6 of Sector Skill Council – Qualification Pack – Make up Trainer (BWS/N0304), Skin Care Trainer (BWS/Q0105)

PAPER	SUBJECT	MARKS THEORY	MARKS PRACTICAL	TOTAL MARKS	
	SKI	ILL COMPONEN	T		
PAPER-I	Basic Make Up	25	25	50	
PAPER-II	Camouflage Make Up	25	75	100	
PAPER-III	Bridal Make Up	25	75	100	
PAPER-IV	Theatre Make Up	25	50	75	
PAPER-V	Photographic Make up	25	50	75	
			TOTAL=	400	

# **SEMESTER-IV**

(Aligned with level 6 of Sector Skill Council – Qualification Pack – Make up Trainer (BWS/N0304), Skin Care Trainer (BWS/Q0105)

PAPER	SUBJECT	MARKS THEORY	MARKS PRACTICAL	TOTAL MARKS
	GENERAL COMPON	ENT		
PAPER-I	*Environmental Studies (Compulsory)	75	25	100
	SKILL COMPONE	NT		
PAPER-II	Bacteriology	50	-	50
PAPER-III	SPA	50	125	175
PAPER-IV	Facial & Electrotherapy	50	125	175
			TOTAL=	400

<sup>\*</sup>Note: Marks will not be included in the total marks.

#### Paper-I: COMMUNICATION SKILLS IN ENGLISH-I

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.

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

#### Section-A

**Reading Skills**: Reading Tactics and strategies; Reading purposes–kinds of purposes and associated comprehension; Reading for direct meanings.

#### Section-B

Reading for understanding concepts, details, coherence, logical progression and meanings of phrases/expressions.

#### **Activities:**

- Comprehension questions in multiple choice format
- Short comprehension questions based on content and development of ideas

#### Section-C

**Writing Skills**: Guidelines for effective writing; writing styles for application, personal letter, official/business letter.

#### **Activities**

- Formatting personal and business letters.
- Organising the details in a sequential order

#### Section-D

Resume, memo, notices etc.; outline and revision.

#### **Activities:**

- Converting a biographical note into a sequenced resume or vice-versa
- Ordering and sub-dividing the contents while making notes.
- Writing notices for circulation/ boards

#### **Recommended Books:**

- 1. Oxford Guide to Effective Writing and Speaking by John Seely.
- 2. English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP

# Paper-II: 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।
- 2. ਵਿੰਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੰਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- 3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- 4. 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

ਆਤਮ ਅਨਾਤਮ (ਕਵਿਤਾ ਭਾਗ), (ਸੰਪ. ਸੁਹਿੰਦਰ ਬੀਰ ਅਤੇ ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ। (ਪ੍ਰਸਗ ਸਾਹਤ ਵਿਆਖਿਆ, ਸਾਰ)

### ਸੈਕਸ਼ਨ-ਬੀ

ਇਤਿਹਾਸਕ ਯਾਦਾਂ (ਇਤਿਹਾਸਕ ਲੇਖ–ਸੰਗ੍ਰਹਿ) ਸੰਪਾ. ਸ.ਸ.ਅਮੋਲ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ। (ਲੇਖ 1 ਤੋਂ 6) (ਨਿਬੰਧ ਦਾ ਸਾਰ, ਲਿਖਣ-ਸ਼ੈਲੀ)

#### ਸੈਕਸ਼ਨ-ਸੀ

- (ੳ) ਪੈਰ੍ਹਾ ਰਚਨਾ
- (ਅ) ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ।

#### ਸੈਕਸਨ-ਡੀ

- (ੳ) ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ : ਉਚਾਰਨ ਅੰਗ, ਉਚਾਰਨ ਸਥਾਨ ਤੇ ਵਿਧੀਆਂ, ਸਵਰ, ਵਿਅੰਜਨ, ਸੁਰ-ਪ੍ਰਥਪ।
- (ਅ) ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ : ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਦਾ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ-ਚਿੰਨ੍ਹ।

# Paper-II: 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।

2. ਵਿੰਦਿਆਰਥੀ 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।

4. ਪੇਪਰ ਸੈੰਟ 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, ਬਾਰ੍ਹਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕ ਤੋਂ ਸੋਂ 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; social, 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 (3<sup>rd</sup> 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.

# Paper-III: Drug Abuse: Problem, Management and Prevention (COMPULSORY PAPER)

#### PROBLEM OF DRUG ABUSE

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

### **Meaning of Drug Abuse:**

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

#### Section - B

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

Individual : Education, 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:

- 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.

- 6. Modi, Ishwar and Modi, Shalini (1997) *Drugs: Addiction and Prevention*, Jaipur: Rawat Publication.
- 7. 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.
- 9. Sain, Bhim 1991, *Drug Addiction Alcoholism*, Smoking obscenity New Delhi: Mittal 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*, Cambridge University Press.
- 13. 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-IV: BASIC CONCEPT OF SKIN (THEORY)**

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**

Concept of Skin Cells

Basic structure of cells

Growth & reproduction of cells in brief.

#### **Section - B**

Structure of Skin

Functions of Skin

#### **Section - C**

Types of Skin

Common Skin Problems

#### Section - D

Diseases of Sebaceous Glands

Disorders of Sweat Glands

Allergic Conditions of the Skin

### **Paper-V: BASIC SKIN CARE**

Time: 3 Hours Max. Marks: 50

Theory: 20 Practical: 30

# **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**

Theory of Massage. Types of Massage.

#### Section - B

Basic Manipulations. Massage Techniques. Benefits of Massage. Precautions of Massage

#### Section - C

Basic Knowledge of Facial Muscles Motor Points. Skin Analysis.

#### Section - D

Treatments of Different Types of Skin Herbal Treatments of Skin

- Skin Analysis
- Basic Manipulation
- Manipulation Techniques
- Knowledge of Motor points
- Treatments of Different Types of Skin
- Herbal Treatments
- Project Work

# **Paper-VI: EPILATION AND DEPILATION**

Time: 3 Hours Max. Marks: 100

Theory: 25 Practical: 75

#### **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

Purpose

Product Knowledge

#### Section – B

Electrolysis / Thermolysis Laser Hair Removal

#### **Section - C**

Threading

Waxing

Depilatories

Tweezing

Skin Bleaching

Shaving

#### Section - D

Benefits

Safety Precautions

- Threading
- Waxing
- Depilatories
- Tweezing
- Skin Bleaching
- Electrolysis / Thermolysis
- Laser Hair Removal
- Shaving
- Project Work & Practical Training

# **Paper-VII: Manicure And Pedicure**

Time: 3 Hours Max. Marks: 50

Theory: 25 Practical: 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

Nail Structure Knowledge of Nail Disorders and Diseases

#### Section - B

Product Knowledge of Manicure Manicure Techniques Benefits

#### **Section - C**

Product Knowledge of Pedicure Pedicure Techniques Benefits

#### **Section - D**

Infections Control Methods Safety Precautions

- Product Knowledge of Manicure And Pedicure
- Basic Mani Pedi Techniques
- Massage
- Infections Control Methods
- Safety Precautions
- Project Work.

# **Paper-VIII: Sanitation And Safety Precautions**

Time: 3 Hours Max. Marks: 50

Theory:30 Practical: 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

Cosmetology & Sanitation

#### Section - B

Definitions Pertaining to Sanitation Methods of Sanitations

#### Section - C

Sanitizing Rules Public Sanitation Procedure

#### Section -D

Types of Sanitizers Safety Precautions. Usages

#### **Practical:**

Usages of Sanitizing Agents and Sanitizers Project Work.

### **Recommended Books (Semester-I):**

- Text Book of Cosmetology Mary Healy
- Massage Made Easy Mc Gilvery Carole
- Beauty Recipes Dave Urvashi
- Instant Skin Care; how to have health hassle free skin Norton, Sally

#### PAPER-I: COMMUNICATION SKILLS IN ENGLISH-II

Time: 3 Hours

Max. Marks: 50 **Theory Marks: 35 Practical Marks: 15** 

Marks: 15

#### **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.

#### **Course Contents:**

#### **SECTION-A**

**Listening Skills:** Barriers to listening; effective listening skills; feedback skills. Activities: Listening exercises – Listening to conversation, News and TV reports

#### **SECTION-B**

Attending telephone calls; note taking and note making.

**Activities:** Taking notes on a speech/lecture

#### SECTION-C

**Speaking and Conversational Skills:** Components of a meaningful and easy conversation; understanding the cue and making appropriate responses; forms of polite speech; asking and providing information on general topics.

**Activities:** 

- 1) Making conversation and taking turns
- 2) Oral description or explanation of a common object, situation or concept

#### **SECTION-D**

The study of sounds of English, Stress and Intonation.

Situation based Conversation in English,

Essentials of Spoken English. **Activities:** Giving Interviews

### PRACTICAL / ORAL TESTING

#### **Course Contents:-**

- 1. Oral Presentation with/without audio visual aids.
- 2. Group Discussion.
- 3. Listening to any recorded or live material and asking oral questions for listening comprehension.

#### **Ouestions:-**

- 1. Oral Presentation will be of 5 to 10 minutes duration (Topic can be given in advance or it can be student's own choice). Use of audio visual aids is desirable.
- 2. Group discussion comprising 8 to 10 students on a familiar topic. Time for each group will be 15 to 20 minutes.

**Note:** Oral test will be conducted by external examiner with the help of internal examiner.

# Paper-II: 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।
- 2. 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।
- 4. 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

ਆਤਮ ਅਨਾਤਮ (ਕਹਾਣੀ ਭਾਗ), (ਸੰਪ. ਸੁਹਿੰਦਰ ਬੀਰ ਅਤੇ ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ। (ਵਿਸ਼ਾ-ਵਸਤੂ, ਪਾਤਰ ਚਿਤਰਨ)

# ਸੈਕਸ਼ਨ-ਬੀ

ਇਤਿਹਾਸਕ ਯਾਦਾਂ (ਇਤਿਹਾਸਕ ਲੇਖ–ਸੰਗ੍ਰਹਿ) ਸੰਪਾ. ਸ.ਸ.ਅਮੋਲ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ। (ਲੇਖ 7 ਤੋਂ 12) (ਸਾਰ, ਲਿਖਣ ਸ਼ੈਲੀ)

# ਸੈਕਸ਼ਨ-ਸੀ

- **(ੳ) ਸ਼ਬਦ-ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ** : ਪਰਿਭਾਸ਼ਾ, ਮੁੱਢਲੇ ਸੰਕਲਪ
- (भ्र) यवट येटा.<sub>ग</sub>.

### ਸੈਕਸ਼ਨ-ਡੀ

- (ੳ) ਸੰਖੇਪ ਰਚਨਾ
- (ਅ) ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ

# Paper-II: 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।
- 2. ਵਿੰਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੌਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
- 3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
- 4. ਪੇਪਰ ਸੈੰਟ 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: Drug Abuse: Problem, Management and Prevention (COMPULSORY PAPER)

#### 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:**

- Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
   Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
- 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.

- 6. 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.
- 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.
- 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, Cambridge University Press.
- 13. 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-IV: BASIC CONCEPT OF HAIR (THEORY)**

Time: 3 Hours 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

Structure and division of hair Purpose of Hair

#### Section – B

Forms of hair Characteristics of hair Types of Hair

#### Section - C

Hair growth Regeneration of Hair

#### Section - D

Disorders of the hair and scalp Non infectious diseases

### Paper-V: HAIR CARE

Time: 3 Hours Max. Marks: 50

Theory: 25 Practical: 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

Brushing and Combing Oil Treatments

#### Section - B

Massage (Manual and Vibratory) Benefits & Precautions

### **Section- C**

Application of Heat Electrotherapy

### Section - D

Shampooing Conditioning

- Brushing and Combing
- Oil Treatments
- Massage (Manual and Vibratory)
- Application of Heat
- Electrotherapy
- Shampooing
- Conditioning
- Project Work

### Paper-VI: Hair Styling And Dressing

Time: 3 Hours Max. Marks: 100

Theory: 25 Practical: 75

#### **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**

Elements and Principles of Design Hair Shaping Instruments

#### **Section - B**

Sectioning of Hair Cuts Basic Hair Cuts

#### Section - C

Line Elevation Angle System

#### **Section - D**

Thermal Hair Styling Basic Use is Hair Pieces Buns and Styles

#### **Practical** -

- Elements and Principles of Design
- Hair Shaping Instruments
- Sectioning of Hair Cuts
- Basic Hair Cuts
- Line, Elevation and Angle System
- Thermal Hair Styling
- Basic Use is Hair Pieces
- Buns and Styles
- Project Work

### **Paper-VII: Hair Coloring And Lightening**

Time: 3 Hours Max. Marks: 50

Theory: 25 Practical: 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**

Basic Principles of Color Classifications of Hair Color

#### **Section - B**

Selecting the Color Formula Preparation for Hair Coloring Process of Hair Coloring

#### **Section - C**

Lighteners Effects of Lighteners

#### **Section - D**

Preparing for Lightening Process of Lightening Safety Measures

#### **Practical** -

- Basic Principles of Color
- Classifications of Hair Color
- Selecting the Color Formula
- Preparation for Hair Coloring
- Process of Hair Coloring
- Lighteners and their Effects
- Preparing for Lightening
- Process of Lightening
- Safety Measures
- Project Work
- Practical Training

# **Paper-VIII: Color Correction (Practical)**

Time: 3 Hours Max. Marks: 50

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

Question Paper will be set on the spot.

- Basic Principle of Color
- Knowledge of Hair Pigments
- Color Depth
- Color Toning
- Techniques of Corrections
- Safety Measures

# **Recommended Books (Semester-II):**

- Text book of Cosmetology Veena Pitre
- Hair Care Braiding and Hair Styles Wadeson, Jacki
- Herbal Beauty Care Handa, Parvesh
- Modern Hair Styles Vohra, Asha Rani

# **PAPER-I : Basic Make Up (THEORY)**

Time: 3 Hours Max. Marks: 50

Theory: 25 Practical: 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

- Introduction Of Make Up
- Basic Principles of Color

#### Section B

- Product Knowledge
- How to choose the Correct Color
- Facial Balance

#### Section C

- Preparation of Client
- Selection of product according to Skin.

#### Section D

- Process of Basic Make Up
- Day and Evening Make Up

# PAPER-I : Basic Make Up (PRACTICAL)

**MAX. MARKS: 25** 

- Introduction Of Make Up
- Basic Principles of Color
- Product Knowledge
- How to choose the Correct Color
- Facial Balance
- Preparation of Client
- Selection of product according to Skin.
- Process of Basic Make Up
- Day and Evening Make Up
- Project Work.

### **PAPER-II: Camouflage Make Up (THEORY)**

Time: 3 Hours Max. Marks: 100

Theory: 25 Practical: 75

### **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 of Camouflage Make up
- Knowledge of Color Wheel

#### Section B

- What is Concealing
- Types of Concealers

#### Section C

- Uses of Camouflage
- Objectives of Camouflage.

#### Section D

- Process of Camouflage
- Safety Measures

# PAPER-II : Camouflage Make Up (PRACTICAL)

**MAX. MARKS: 75** 

- Introduction of Camouflage Make up
- Knowledge of Color Wheel
- What is Concealing
- Types of Concealers
- Uses of Camouflage
- Process of Camouflage
- Safety Measures
- Project Work

**PAPER-III: Bridal Make Up (THEORY)** 

Time: 3 Hours Max. Marks: 100

Theory: 25 Practical: 75

### **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
- Product Knowledge

#### Section B

- Facial Shape and Skin Analysis
- Selection of Color Tone
- Face Corrections

#### Section C

- Corrective and Camouflage Make Up Techniques
- Types of Base
- Process of Application of Make up

#### Section D

- Draping of client
- Hair Styling and accessories.

# PAPER-III: Bridal Make Up (PRACTICAL)

**MAX. MARKS: 75** 

- Introduction
- Product Knowledge
- Facial Shape and Skin Analysis
- Selection of Color Tone
- Face Corrections
- Corrective and Camouflage Make Up Techniques
- Types of Base
- Process of Application of Make up
- Draping of client
- Hair Styling and accessories.
- Project File
- Salon Training.

# **PAPER-IV: Theatre Make Up (THEORY)**

Time: 3 Hours Max. Marks: 75

Theory: 25 Practical: 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

- Introduction
- Product Knowledge

#### Section B

- Face and Skin Analysis
- Selection of Products

#### Section C

- Corrective Make Up Techniques
- Camouflage Make Up Techniques

#### Section D

- Stage Make Up for Different Characters
- Screen Make Up

# **PAPER-IV**: Theatre Make Up (PRACTICAL)

MAX. MARKS: 50

- Introduction
- Product Knowledge
- Face and Skin Analysis
- Selection of Products
- Corrective and Camouflage Make Up Techniques
- Stage Make Up for Different Characters
- Screen Make Up
- Project Work
- Workshop

# **PAPER-V**: Photographic Make-Up (THEORY)

Time: 3 Hours Max. Marks: 75

Theory: 25 Practical: 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

- Introduction
- Product Knowledge

Section B

- Face and Skin Analysis
- Knowledge of Color Theory

Section C

- Color Selection
- Corrective and Camouflage Make Up Techniques

Section D

- Creating a Perfect Base
- Artistry in Different Photogenic Make Up

# **PAPER-V**: Theatre Make Up (PRACTICAL)

**MAX. MARKS: 50** 

- Introduction
- Product Knowledge
- Face and Skin Analysis
- Knowledge of Color Theory
- Color Selection
- Corrective and Camouflage Make Up Techniques
- Creating a Perfect Base
- Artistry in Different Photogenic Make Up
- Project Work.

### **PAPER-I : ESL-221 : Environmental Studies (Compulsory Paper)**

Time: 3 Hrs. Max. Marks: 100

**Teaching Methodologies** 

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.

**Exam Pattern:** 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:

- 1. Visit to a local area to document environmental assets: River / Forest/ Grassland / Hill / Mountain / Water body / Pond / Lake / Solid Waste Disposal / Water Treatment Plant / Wastewater Treatment Facility etc.
- 2. Visit to a local polluted site Urban / Rural / Industrial / Agricultural
- 3. Study of common plants, insects, birds
- 4. Study of tree in your areas with their botanical names and soil types
- 5. Study of birds and their nesting habits
- 6. Study of local pond in terms of wastewater inflow and water quality
- 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.
- (d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- (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 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
- 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)

#### **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

(8 Lectures)

#### **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)

#### **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 Environment and Human Health
- Case Studies

(6 Lectures)

#### **Unit-VIII**

#### 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
- 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-II: Bacteriology (THEORY)**

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

- What is Bacteriology
- Classification of Bacteria

Section B

- Growth and Reproduction
- Virus

Section C

- Infection
- Diseases
- Animal Parasite
- Fungi
- Human Disease Carriers

Section D

- Infection Control Methods
- Bodily Defenses

PAPER-III: SPA (THEORY)

Time: 3 Hours Max. Marks: 175

Theory: 50 Practical: 125

### **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 of SPA
- Knowledge of Ambience Required

#### Section B

- Product Knowledge
- Basic Technique of SPA

#### Section C

- Mani Pedi SPA
- Hair SPA
- Body SPA

#### Section D

- Benefits of SPA
- Safety Measures

# PAPER-III: SPA (PRACTICAL)

**MAX. MARKS: 125** 

- Introduction of SPA
- Knowledge of Ambience Required
- Product Knowledge
- Basic Technique of SPA
- Mani Pedi SPA
- Hair SPA
- Body SPA
- Benefits of SPA
- Safety Measures
- Project Work
- Visit to Spa Center & Health Center.

### PAPER-IV: FACIAL & ELECTROTHERAPY (THEORY)

Time: 3 Hours Max. Marks: 175

Theory: 50 Practical: 125

# **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
- Product Knowledge
- Skin Analysis

#### Section B

- Selection of Product
- Trolley Setting

#### Section C

- Basic Knowledge of Facial Muscles
- Basic Techniques of Facial
- Facial for Different Skin Types

#### Section D

- Treatments with Electrotherapy
- Benefits
- Safety Measures

# PAPER-IV: FACIAL & ELECTROTHERAPY (PRACTICAL)

**MAX. MARKS: 125** 

- Introduction
- Product Knowledge
- Skin Analysis
- Selection of Product
- Trolley Setting
- Basic Knowledge of Facial Muscles
- Basic Techniques of Facial
- Facial for Different Skin Types
- Treatments with Electrotherapy
- Benefits
- Safety Measures
- Project Work
- Workshop

#### (BOOKS FOR SEMESTER III-IV)

#### Sem.-I

- Text Book of Cosmetology Mary Healy
- Massage Made Easy Mc Gilvery Carole
- Beauty Recipes Dave Urvashi
- Instant Skin Care; how to have health hassle free skin Norton, Sally

#### Sem.-II

- Text book of Cosmetology Veena Pitre
- Hair Care Braiding and Hair Styles Wadeson, Jacki
- Herbal Beauty Care Handa, Parvesh
- Modern Hair Styles Vohra, Asha Rani

#### Sem.-III

- Standard text book of Cosmetology Milady
- Make up Album Dave, Richa
- Instant Make up Norton Sally
- Text book of Cosmetology Mary Healy

#### Sem.-IV

- Standard text book of Cosmetology Milady
- Beauty Book Willie Jack
- Massage Made Easy Baker Jan
- Bobbi Brown Beauty Evolution Wadyka Stally