

Faculty of Sports Medicine and Physiotherapy

SYLLABUS

FOR

**INTERDISCIPLINARY COURSE IN
PHYSIOTHERAPY**

EXAMINATIONS: 2019-20



**GURU NANAK DEV UNIVERSITY
AMRITSAR**

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**(ii) Subject to change in the syllabi at any time.
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IPL-051: FUNDAMENTALS OF PHYSIOTHERAPY

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Max. Marks: 100**Internal: 20****External: 80****Mid Semester Examination: 20% Weightage****End Semester Examination: 80% Weightage****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 to Physiotherapy**

- a. Definition of Physiotherapy
- b. Role of Physiotherapy in Community
- c. Introduction to terms such as- Health, Disease, Illness, Disorders, Deformity, Disability, Rehabilitation
- d. Persons with disability; Act – 1995

Section-B**Disability and its Prevention**

- a. Types of disabilities such as: - Locomotors, Visual, Hearing, Learning and Mental Retardation.
- b. Consequences of disabilities
- c. Prevention and Rehabilitation

Section-C**Different aspects of Physiotherapy in various fields:**

- a. Orthopaedics conditions
- b. Neurological conditions
- c. Paediatrics conditions
- d. Geriatrics condition
- e. Cardiothoracic conditions
- f. Obstetrics and gynaecology
- g. Sports and Fitness

Section-D

1. Role of physiotherapy in occupational disorders
2. Introduction to various Physiotherapy applications
 - a. Exercise therapy
 - b. Electrotherapy
 - c. Hydrotherapy
 - d. Manual therapy
 - e. Actinotherapy

References:

1. Electrotherapy Explained: Principles & Practice – Low & Reed – Butterworth Heinemann.
2. Therapeutic Heat and Cold – Lehmann – Williams & Wilkins.
3. Principles and Practice of Electrotherapy – Kahn – Churchill Livingstone.
4. Principle of Exercise Therapy -Gardiner - C.B.S. Delhi.
5. Therapeutic Exercises Foundations and Techniques - Kisner and Colby -F.A. Davis.
6. Park's Textbook of Preventive and Social Medicine- 23rd Edt.
7. Physical Rehabilitation,6th Edition-Susan B. O'Sullivan PT, EdD Thomas J. Schmitz PT,
8. PhD George Fulk PT, PhD – FA Davis
9. Textbook of Rehabilitation. Sunder: Jaypee