



RAN - 2306000304040014

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Fourth Year B. Physiotherapy Examination September - 2023

**Community Physiotherapy Rehabilitation and
Assistive Technologies (New Syllabus)**

Time: 3 Hours]

[Total Marks: 80

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Fourth Year B. Physiotherapy

Name of the Subject :

**Community Physiotherapy Rehabilitation and Assistive
Technologies (New Syllabus)**

Subject Code No.: **2306000304040014**

Seat No.:

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Student's Signature

- (2) Answer to the point.
- (3) Figure to the right indicates marks.
- (4) Write legibly.
- (5) Draw diagrams wherever necessary.

Section-I

Q. 1 Long Answer. (Any 1 out of 2) 1×15=15

- A. Define disability. Describe different types of disability. Explain disability evaluation of lower limb.
- B. Describe the Physiological changes due to aging in cardiovascular and Pulmonary Conditions.

Q. 2 Short Answers. (Any 2 Out of 3) 2×10=20

- A. Prevention, Promotion, and Restoration of Physical Health.
- B. Describe the Antenatal exercises during the Second Trimester.
- C. Role of different team members of a CBR team.

Q. 3 Very short Answers. (Any 4 out of 5)

4 × 05 = 20

- A. Difference between CBR and IBR.
- B. Exercise therapy for Osteoporosis
- C. Pelvic floor strengthening exercises.
- D. Environmental Changes and adaptation in the elderly.
- E. Health promotion for obese patients

Section - II

Q. 4 Long Answer (Any 2 out of 3)

2 × 10 = 20

- a) What is Prosthesis? Write about trans-humeral prosthesis with different types of terminal devices.
- b) Write about different types of materials used in fabrication of orthoses and Prostheses.
- c) Explain three point pressure system in orthoses. Write about orthosis for the scoliosis.

Q. 5 Short Answer (Any 1 out of 2)

1 × 05 = 5

- a) Write down types of prostheses & Difference between orthoses and prostheses.
 - b) Crutches as a mobility aids- explain.
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