



RAN-2206000303050015

Third Year BPT Examination September - 2025

Physical and Functional Diagnosis

Time: 3 Hours]

[Total Marks: 80

સૂચના : / Instructions

(1)

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

Name of the Examination:

☛ **Third Year BPT**

Name of the Subject :

☛ **Physical and Functional Diagnosis**

Subject Code No.: **2206000303050015**

Seat No.:

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Student's Signature

Section - I

Q.1 Long Essay Type (Any One out of Two)

10 × 1 = 10

- Define Pain (3)
- Enlist any three pain assessment tools (3)
- Briefly explain the procedure of pain assessment using Visual Analogue Scale (VAS) (4)

OR

- Define Posture (2)
- Describe the frontal plane observational analysis of posture (8)

Q.2 Short Essay Type (Any Three out of Four)

5 × 3 = 15

- Enlist the Spatial measures of Gait analysis and briefly explain the procedure for measuring the stride length.
- Significance of Functional evaluation in Physiotherapy
- Enumerate types of abnormal end feel with examples
- Interpretation of Straight Leg Raise (SLR) Test

Q.3 Short Answer Type (Any Five out of Six)

3 × 5 = 15

- Define Assessment and Evaluation
- Differentiate Physical and functional diagnosis

- c. Classify outcome measures
- d. Difference between ICIDH and ICF
- e. Define Biofeedback
- f. Interpretation of Cobb's angle

Section - II

Q.4 Long Essay Type (Any One out of Two) 10 × 1 = 10

Enlist the different Methods available to assess muscle strength. (3)

Describe the method of assessment of 1 repetition maximum for shoulder flexors. (7)

OR

Describe the procedure for conducting exercise tolerance test. (7)

Enlist the absolute contraindications for termination of testing. (3)

Q.5 Short Essay Type (Any Three out of Four) 5 × 3 = 15

- a. Glasgow coma scale and its interpretation
- b. Significance of Body Mass Index (BMI) and Waist Hip Ratio (WHR)
- c. Briefly explain the method of Chest Expansion measurement and its interpretation
- d. Sit and reach test and its interpretation

Q.6 Short Answer Type (Any Five out of Six) 3 × 5 = 15

- a. Borg's scale of Perceived exertion
- b. Components of health-related fitness
- c. Interpretation of Babinski's sign
- d. Interpretation of abnormal breath sounds in pathological conditions
- e. Q- angle and its interpretation
- f. Methods to assess spasticity