



RAN-2206000304050001

Fourth Year Bachelor of Physiotherapy (Supplementary)

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:

Fourth Year Bachelor of Physiotherapy (Supplementary)

Name of the Subject :

Physical and Functional Diagnosis

Subject Code No.: 2206000304050001

Seat No.:

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Student's Signature

Section - I

Q. 1. Long Essay Type (Any one out of two)

(10×1=10)

A 45-year-old patient presents with complaints of hip pain and limited mobility. Discuss the physical and functional assessment of the hip joint, including the examination techniques, and potential diagnosis.

OR

A 25-year-old office worker presents with complaints of upper back pain and forward head posture. Discuss the assessment and analysis of posture, including the examination techniques, potential causes of postural deviations

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

(5×3=15)

- Special tests for sacro-iliac joint pain
- Assessment of limb length discrepancy
- Chest expansion measurements
- Canadian step test

- Q. 3. Short Answer Type (Any Five out of Six) (3×5=15)**
- a. Cobb's angle
 - b. Tidal volume
 - c. Demerits of manual muscle testing
 - d. Q Angle
 - e. Scapulohumeral rhythm
 - f. Lovibond's angle

Section - II

- Q. 4. Long Essay Type (Any One out of Two) (10×1=10)**
- a. What are the different methods to analyze gait? (03)
 - b. Describe the method to measure different spatial variables of gait. (07)

OR

Describe the procedure of assessment of sensory examination in detail.

- Q. 5. Short Essay Type (Any Three out of Four) (5×3=15)**
- a. Importance of differential diagnosis
 - b. Significance of Chronaxie and rheobase in electrodiagnosis
 - c. Method and interpretation of Slump test
 - d. Equilibrium tests to assess incoordination

- Q. 6. Short Answer Type (Any Five out of Six) (3×5=15)**
- a. ICIDH – 2
 - b. Significance of Patient reported outcome measures
 - c. Glasgow coma scale and its interpretation
 - d. Differentiate Upper motor lesion and Lower motor lesion
 - e. Interpretation of Modified Ashworth Scale
 - f. Enlist the components of Fall Assessment briefly.
