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RAN-2206000304050001**Fourth Year BPT Examination September - 2023****Physical and Functional Diagnosis (Old 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 BPT**

Name of the Subject :

☛ **Physical and Functional Diagnosis (Old Syllabus)**Subject Code No.: **2206000304050001**

Seat No.:

Student's Signature

SECTION - I**Q. 1 Long Essay. (Any One)****10 × 1 = 10**

Measurement of Lung Volume and capacities, describe any two methods to measure Residual volume of Lung

OR

Analysis of Posture in Sagittal Plane

Q. 2 Short Essay (Any Three)**05 × 03 = 15**

- Biomechanical factors of Posture and alignment
- Normal and abnormal breath sounds
- Congenital and acquired Chest deformities
- Define Contracture and write a note on different types of Contractures

Q. 3 Short Answer (Any Five)**03 × 05 = 15**

- Importance of testing ABG
- Mc Murray test
- Borg's scale for rate of perceived Exertion.
- Abnormal End feels
- Test for SI joint Pain
- Measurement of Limb length discrepancy

SECTION - II

Q. 1 Long Essay. (Any One) 10 × 1 = 10

Define Biofeedback. Describe any two biofeedback techniques used in Physiotherapy.

OR

Define Coordination. Describe any one equilibrium and non-equilibrium test for assessing incoordination.

Q. 2 Short Essay. (Any Three) 05 × 03 = 15

- a. Strength-Duration Curve and its interpretation
- b. Grades of Manual Muscle Testing and its interpretation
- c. Differentiate between Physical and Functional Diagnosis
- d. Superficial Sensory Examination

Q. 3 Short Answer (Any Five) 03 × 05 = 15

- a. Define Chronaxie and Rheobase
 - b. Enlist the types of Rigidity
 - c. Differentiate between Upper motor lesion and Lower motor lesion
 - d. Trendelenberg's Sign
 - e. Clinical significance of Babinski's sign
 - f. Pathomechanics of High stepping gait
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