

PHYSICAL AND FUNCTIONAL DIAGNOSIS

Time: 3 Hours]

[Total Marks: 80

सूचना : / Instructions

नीचे द्यवितेव निशानीवाणी विगतो उत्तरवहरी पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Fourth Year B. PT

Name of the Subject :

PHYSICAL AND FUNCTIONAL DIAGNOSIS

Subject Code No.:

4 0 2 2

Seat No.:

Student's Signature

Section-I

Q: 1 Discuss the principles of application of Manual Muscle Testing (MMT) in Musculoskeletal disorders.

(Or)

Q: 1 Describe in detail any one protocol for exercise testing. Add a note on the criterion for terminating the test. 10×1 = 10

Q: 2 Short Essay Type (3 out of 4)

5×3 = 15

- Glasgow Coma Scale and its interpretation
- Normal and abnormal breath sounds
- Cobb's angle and its significance
- Indications and contra indications for exercise testing

Q: 3

Short Answer Type (5 out of 6)

3×5 = 15

- a. Limitations of Manual Muscle testing
- b. Significance of functional evaluation
- c. ABG analysis
- d. Target Heart Rate
- e. Respiratory and metabolic acidosis and alkalosis
- f. Stages of cough

Section - II

Q: 1 Write down assessment of cerebellar dysfunctions.

(Or)

Q: 1 Describe principles of biofeedback, its therapeutic effects, indications and contraindication of it.

10×1 = 10

Q: 2 Short Essay Type (3 out of 4)

5×3 = 15

- a. F wave versus H reflex
- b. Importance of tone examination for diagnosis of neurological disorders
- c. Describe difference in tone in pyramidal versus extra-pyramidal lesions.
- d. Describe upper limb deep tendon jerks and their root value

Q: 3 Short Answer Type (5 out of 6)

3×5 = 15

- a. Enlist the reflexes at spinal level
- b. Indication of Nerve conduction study
- c. Describe rooting reflex
- d. Assessment of Thoracic outlet syndrome
- c. Principles of normal development
- f. Grades of Voluntary control