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EXAMINATION: JANUARY - 2026
THIRD YEAR

Subject: Functional Diagnosis & Physiotherapeutic Skills (BPT- 21306)

Date: 27/01/2026

Total Marks: 80

Time: 10.00 am To 1.00 pm

SECTION – A

Q.1 Answer the following questions in short (Any five) (15)

- a. Enumerate any three tests for Peripheral Arterial and Venous Circulation
- b. Bryant's Triangle
- c. Explain Faradic Galvanic Test
- d. Define End feel. Enumerate different types of normal and pathological end feel.
- e. Convex concave rule
- f. Three tests for co-ordination

Q.2 Answer the following questions (Any Five) (35)

- a. Neurodynamic testing
- b. Principles of Exercise prescription in healthy individuals
- c. Assessment and factors affecting Balance
- d. Assessment of Knee stability
- e. Write principles and explain stages of Brunnstrom approach.
- f. Describe muscle Energy Techniques. Add a note on contraindication and side effects of muscle energy technique

SECTION – B

Q.3 Answer the following questions in detail (Any one) (15)

- a. A 60 year old driver suffering from dry cough and breathlessness since few days. He has experienced similar episode since last three years especially during change of season. His wife and two children live in village and he is the only earning member. Discuss
1.Evaluation 2.Functional Diagnosis & clinical reasoning 3. ICF
- b. A 45 year old hypertensive Mrs. Vora suffered right hemiplegia one month ago. She was referred for physiotherapy from peripheral rural hospital. She could walk with assistance with an altered gait. However she is unable to lift her hand and use it for eating, drinking or grooming. Her family is very supportive but complains she has stopped her medications. Discuss assessment and write impairments, activity limitation and contextual factors in ICF format.

Q.4 Answer the following questions in detail (Any one) (15)

- a. A 18 years old sweeper has suffered with left supracondylar fracture of humerus 5 weeks ago. He also sustained fracture of ulnar styloid. He cannot hold objects with his left hand. Discuss assessment and write impairments, activity limitations and contextual factors in ICF format.
- b. A 40 year old IT engineer comes with complaint of pain in lower lumbar spine radiating from back of thigh upto calf and difficulty in bending forward in early morning since last one month. Write in detail about assessment, differential diagnosis and functional diagnosis as per ICF.
