

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : DECEMBER - 2024
SECOND YEAR
Subject: Kinesiotherapy (BPT- 21205)

Date: 30/12/2024

Total Marks: 80

Time: 2.00 pm to 5.00 pm

SECTION – A

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

- a. Write a note on 3 point gait pattern using axillary crutches.
- b. Enlist contraindications of Hydrotherapy.
- c. Define step length and step width.
- d. Characteristics of good posture.
- e. Define muscle strength, muscle power and muscle endurance.
- f. Write about trick movements.

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

- a. Describe effects and uses of spinal traction.
- b. Write a note on different types of strengthening exercises
- c. Define coordination. Write about the exercises to improve coordination
- d. Explain in detail about stress strain curve.
- e. Explain in detail about physical properties of water.
- f. Define Scoliosis. Describe scoliosis posture in frontal plane.

SECTION – B

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

- a. List the types of breathing exercises and write down their techniques and uses. Give a brief note on ACBT and autogenic drainage.
- b. Definition, indications, contraindications and grades of joint mobilization describe the technique of mobilization of knee joint.

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

- a. Functional re-education from supine lying to standing and explain what is functional re-education with definition.
- b. Define Gait. Write gait cycle and measurable parameters.
