



**BBY-10604**

Seat No. \_\_\_\_\_

**B. P. T. Examination**

**August - 2021**

**Physiotherapy and Rehabilitation**

*(Old Course)*

Time : 2 Hours]

[Total Marks : 50

**Instructions :**

- (1) Answer should be brief and to the point.
- (2) Figures on the right indicate marks.
- (3) Diagrams shall be appreciated.

**1 Write Long essay : (any two) 2×10=20**

- (a) Write in detail about physical therapy examination findings in a patient with lower lumbar spinal injury.
- (b) Write in detail about the Rehabilitation programmes of patients with spinal cord injuries.
- (c) Write in detail about wheelchair skills.

**2 Write in short : (any two) 5×2=10**

- (a) Phantom limb sensation.
- (b) Ankle foot orthosis.
- (c) Physiotherapy management of a patient with lower limb orthosis.

**3 Write answer in short : (any five) 5×2=10**

- (1) Symes amputation
- (2) C.A.S.H. Brace
- (3) Milwaukee brace
- (4) Stirrups
- (5) Members comprising Rehabilitation team
- (6) Static and dynamic splints

4 Multiple choice questions :

10×1=10

- (1) Weakness of gluteus medias leads to –
  - (a) Waddling gait
  - (b) Tredelenburg's gait
  - (c) Hand to knee gait
  - (d) Antalgic gait
  
- (2) Weakness of Dorsiflexor's of foot leads to –
  - (a) Wrist drop
  - (b) Clawing
  - (c) Foot drop
  - (d) None of the above
  
- (3) Aeroplane splint is used for \_\_\_\_\_
  - (a) Radial Nerve palsy
  - (b) Axillary Nerve palsy
  - (c) Erb's palsy
  - (d) Kumplke's palsy
  
- (4) Antle foot orthoses is prescribed for patients with \_\_\_\_\_
  - (a) Peripheral neuropathy
  - (b) peroneal lesions
  - (c) Hemiplegia
  - (d) all of the above
  
- (5) Patellar tendon bearing brace, weight bearing is adequately relieved for head of fibula –
  - (a) True
  - (b) False
  - (c) Both
  - (d) None
  
- (6) \_\_\_\_\_ Brace maintains the spine in neutral position when sitting standing or walking.
  - (a) Milwaukee brace
  - (b) Taylor brace
  - (c) Lumbo sacral brace
  - (d) All of the above

- (7) \_\_\_\_\_ splint is used in carpal tunnel syndrome.
- (a) Cock up
  - (b) foot drop
  - (c) Wrist splint
  - (d) None of the above
- (8) Weakness of which muscle leads to genu recurvatum
- (a) Hamstrings
  - (b) Glutei
  - (c) Quadriceps
  - (d) Gastrocnemius
- (9) Excessive knee flexion in Transtibial Prosthetic gait is due to –
- (a) High shoe heel
  - (b) Quadricep weakness
  - (c) Insufficient plant an flexion
  - (d) All of above
- (10) Certified Rehabilitation technology supplier is a specialization –
- (a) Physiotherapy
  - (b) Occupational therapy
  - (c) System designer
  - (d) All of above
-