



**BA-10605**

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

**Fourth Year Bachelor of Physiotherapy Examination**

**March - 2021**

**Physiotherapy in Musculo Skeletal Disorders**  
*(Old Course)*

Time : 3 Hours]

[Total Marks : 50

- Instructions** : (1) Answer should be to the point.  
(2) Figures on right indicate marks. Diagrams shall be appreciatd.

**SECTION-I**

- 1 Long Answers : (Any Two) 20**  
(a) Classify fractures of Neek of Femur and write in detail about its management – surgical and Physiotherapeutic.  
(b) Write in detail about causes of Recurrent Dislocation of shoulder and its management.  
(c) Write in detail about fractures of Lower end Radius.
- 2 Answer in short : (any two) 10**  
(a) Carpal Tunnel Syndrome  
(b) Chondromalacia Patellae  
(c) Symes' Amputation
- 3 Answer in brief : (any five) 10**  
(a) Kleinbock's disease  
(b) Triangular Fibrocartilage tear  
(c) Metatar Salgia  
(d) Dupuyfren's contracture  
(e) Lis Franc injury  
(f) Deltoid ligament

4 Multiple Choice Questions :

10

- (1) \_\_\_\_\_ movement of knee injuries Anterior cruciate ligament.  
(A) Hyper Flexion (B) Hyper Extension  
(C) Both of the above (D) None of the above
- (2) \_\_\_\_\_ Brace is used to control and support spinal posture, reduce pain, prevent further injury.  
(A) Taylor Blate (B) C.A.S.H Brace  
(C) Both of the above (D) None of the above
- (3) The Glasgow coma scale comprises of \_\_\_\_\_.  
(A) Motor response (B) Verbal response  
(C) Eye opening (D) All of the above
- (4) Orthosis used to prevent trophic injury in foot is called \_\_\_\_\_.  
(A) Ankle Foot orthosis (B) Foot drop split  
(C) Multipodus Foot (D) All of the above
- (5) A LMN bladder occurs when spinal cord injury is at \_\_\_\_\_ level.  
(A) L4-5 (B) L<sub>5</sub> S<sub>1</sub>  
(C) S<sub>2</sub> - S<sub>4</sub> (D) None of the above
- (6) Closed reduction of fractures can be achieved with the use of traction devices.  
(A) True (B) False  
(C) Both (D) None
- (7) \_\_\_\_\_ position is used importantly to establish functional patterns of trunk and pelvic control and upright balance control.  
(A) Sitting (B) Kneeling  
(C) Standing (D) Lying
- (8) HLA B27 is confirmative test for  
(A) R.A. (B) Ankylosing Spondylitis  
(C) Cervical spondylosis (D) Lumbar spondylosis
- (9) Heberden's nodes are seen in \_\_\_\_\_.  
(A) Osteoarthritis (B) Tennis elbow  
(C) Rheumatoid Arthritis (D) All of the above

- (10) \_\_\_\_\_ injection is considered best intervention when pain is of lateral foraminal disk herniation.
- (A) Intramuscular NSAID
  - (B) Intravenous pain killer analgesic
  - (C) Epidural with fluoroscope
  - (D) All of the above

## SECTION-II

- 5 Long essay : (Any two) 20
- (a) Write in detail about assessment, functional, diagnosis and management of a female, 30 years old with acute onset of Rheumatoid Arthritis.
  - (b) Write in detail about Hoffa's fracture, its complications and surgical and PT management.
  - (c) Write in detail about surgical and PT management of fracture patella.
- 6 Short essay : (Any two) 10
- (A) Write about the assessment, donning and doffing of a below knee prosthesis patient.
  - (B) Electro diagnostic changes in Carpal Tunnel Syndrome (NCV)
  - (C) Physio therapeutic management of stiff knee, undergone arthroscopic adhesiolysis.
- 7 Answer in brief : (any five) 10
- (A) F-wave
  - (B) H-Reflex
  - (C) Assistive Devices
  - (D) Visual Analogue Scale
  - (E) Heterotrophic ossification
  - (F) Deep Vein Thrombosis
- 8 Multiple Choice Questions. 10
- (1) Type of pain in chronic sprain is :
- (A) Nigglng
  - (B) Sharp
  - (C) Stabbing
  - (D) All of the above

- (2) Mc Murray's test is used for \_\_\_\_\_.
- (A) All injury (B) PCL injury  
(C) Meniscus injury (D) None of the above
- (3) The test in which patient is in prone lying, if the calf muscles are squeezed, the ankle does not plant or flex in \_\_\_\_\_ condition.
- (A) DVT (B) Ta Rupture  
(C) Both (D) None
- (4) Deep transverse frictions can help a patient of tennis elbow.
- (A) False (B) True  
(C) Partially true (D) Partially false
- (5) \_\_\_\_\_ is the name of the splint to hold the DIP joint in hyper extension.
- (A) Cock up (B) Spica  
(C) Mallet (D) All of the above
- (6) Referred pain at shoulder can arise due to \_\_\_\_\_.
- (A) Gall bladder syndrome (B) Cervical rib  
(C) Pressure on C<sub>4</sub>, 5 and 6 (D) All of the above
- (7) Normal neck shaft angle of femur is \_\_\_\_\_ degrees.
- (A) 125° (B) 140°  
(C) 90° (D) 45°
- (8) Disease characterized by arthritis in specific joints and deposition of sodium urate crystals in tissues is \_\_\_\_\_.
- (A) Psoriasis (B) R.A.  
(C) Gout (D) None
- (9) Phantom pain is felt in \_\_\_\_\_
- (A) Fracture neck of femur (B) Potis Fracture  
(C) Amputated limb (D) Post Arthroplasty
- (10) Codman's test positive result indicates \_\_\_\_\_
- (A) ACC injury (B) DQ disease  
(C) Rotator Cuff injury (D) None of the above
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