



B-9536

Seat No. _____

Bachelor of Physiotherapy (Sem. III) Examination

March - 2021

General Surgery : Paper - 2

(Cardiothorasic Surgery & Orthopaedics) (Old Course)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) All questions are compulsory.
(2) Write legibly
(3) Figures on the right indicate full marks.
(4) Write each section in different answer sheets.

SECTION-I (Cardiothorasic Surgery)

- 1** Write answer (any two) **20**
(a) Describe types of chest injury and its management.
(b) Ventricular septal defect
(c) Carcinoma lung
- 2** Write short notes on : (any two) **10**
(a) Tetralogy of Fallot
(b) Tuberculosis of Lung
(c) Cardiac Tamponade
- 3** Write in brief : (any five) **10**
(a) P.D.A. (b) Lung abscess
(c) Cervical rib (d) Pulmonary function test
(e) Thoracoscopy (f) Thymoma

4 Select the most appropriate answer : (all questions are compulsory)

10

- (1) The most common source of pulmonary embolism
(A) amniotic fluid (B) Calf vein thrombosis
(C) Large veins of legs (D) Cardiothoracic surgery
- (2) D-dimer is most sensitive diagnostic test for
(A) Pulmonary embolism (B) Cardiac tamponade
(C) Lung Carcinoma (D) Chest trauma
- (3) The most common mediastinal tumour
(A) Neurofibroma (B) Lymphoma
(C) Thymoma (D) Carcinoid
- (4) Meigs syndrome consists of all except
(A) Ascites (B) Ovarian tumour
(C) Pleural effusion (D) Thymoma
- (5) Pneumothorax of what size generally require operative treatment ?
(A) > 2% (B) > 20%
(C) 5-10% (D) 10-15%
- (6) Which of this vessel is most commonly injured in haemothorax ?
(A) Pulmonary artery (B) Intercoastal
(C) Cardiac (D) Pulmonary vein
- (7) VATS means
(A) Vacuum assisted thoracic surgery
(B) Video Assisted transplant surgery
(C) Video assisted thoracoscopic surgery
(D) Ventriculo atrial transplant surgery
- (8) Commonest type of lung carcinoma in non smoker
(A) Small cell carcinoma (B) Adenocarcinoma
(C) Alveolar carcinoma (D) Squamous cell carcinoma
- (9) Tumour commonly associated with superior vena cava syndrome.
(A) Carcinoma stomach (B) Carcinoma lung
(C) Carcinoma thyroid (D) Carcinoma liver
- (10) In Pancoast tumour following is seen except
(A) Horners Syndrome (B) Haemoptysis
(C) Rib erosion (D) Pain in shoulder and arm

SECTION 2 (Orthopaedics)

- 5** Write long essays : (any two) **20**
- (1) Write pathoanatomy, Sign and Symptoms and Imaging investigation and Management of L4-5 disc prolapse.
 - (2) Define osteomyelitis, Etiopathology, clinical features and Diagnostic Investigation of Chronic Osteomyelitis.
 - (3) Write Rehabilitation protocol following MCL (knee) reconstruction.
- 6** Write short essays : (any two) **10**
- (1) Subtalar Arthritis
 - (2) Dupuytren's contracture
 - (3) Paediatric Fracture Supracondylar Humerus
- 7** Write in brief : (any five) **10**
- (1) Torticollis
 - (2) Fracture Clavicle
 - (3) Osteoid Osteoma
 - (4) Golfer's elbow
 - (5) Sudeck Osteodystrophy
 - (6) Ulnar nerve palsy
- 8** Multiple Choice Questions : (attend all) **10**
- (1) Power of Quadriceps muscle for power grade 2 is tested by patient lying
 - (A) on affected side
 - (B) on sound side
 - (C) in supine
 - (D) none of the above
 - (2) Which current is used for the stimulation of innervated muscle
 - (A) faradic
 - (B) faradic type
 - (C) surged faradic
 - (D) interrupted galvanic

- (3) Neck Shaft angle of Humerus is
(A) 45 degree (B) 120 degree
(C) 60 degree (D) 90 degree
- (4) The primary indication of joint replacement is
(A) Effusion (B) Limited range of motion
(C) muscular atrophy (D) Pain
- (5) The function of meniscus is
(A) shock absorber (B) lubrication nutrition
(C) load distribution (D) all of above
- (6) Running with turning and sharp cut is painful in
(A) MCL (B) ACL
(C) PCL (D) Meniscus injury
- (7) Proprioceptive sensation ascend in spinal cord through
(A) Anterolateral column (B) Lateral column
(C) Anterior column (D) Posterior column
- (8) In which level of SCI, tenodesis grip is important ?
(A) Cervical 6 (B) Cervical 7
(C) Cervical 8 (D) Cervical 5
- (9) Avascular necrosis scaphoid occurs in
(A) Whole bone (B) Distal half
(C) Proximal half (D) None of the above
- (10) The human spine has _____ segments.
(A) 33 (B) 34
(C) 35 (D) 36
-