



**DCM-9536**

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

**Third Year B. Physiotherapy Examination**

**July – 2022**

**General Surgery : Paper - II**

*(Old Course)*

Time : Hours]

[Total Marks :

**Instructions :**

- (1) Write each section in separate answer book.
- (2) Figures on right indicate full marks.

**SECTION - I (Cardiothoracic Surgery)**

- 1** Write Answer : (any two) **20**
  1. Discuss anatomy of coronary arteries and complications of cardio-pulmonary bypass.
  2. Types of prosthetic valves and complications of prosthetic valve surgery.
  3. Discuss etiology, clinical feature and management of primary lung carcinoma.
- 2** Write short notes : (any two) **10**
  1. Empyema thoracic
  2. Tumours of mediastinum
  3. Intermittent claudication.
- 3** Write in brief : (any five) **10**
  1. Coarctation of aorta
  2. Fallot's tetralogy
  3. Intercostal drainage
  4. Dysphagia Lusoria
  5. Empyema Thoracic
  6. Aspiration pneumonitis.

4 Multiple Choice Questions :

10

1. Most common mediastinal tumour
  - (a) Thymoma
  - (b) neurofibroma
  - (c) Lymphoma
  - (d) Bronchogenic cyst
2. Majority of lung cyst occurs in
  - (a) near carina
  - (b) Base of the lung
  - (c) Peribronchial tissue
  - (d) Mediastinum
3. Immediate treatment of rupture varicose vein is
  - (a) rest in prone position
  - (b) tourniquet application proximally
  - (c) direct pressure and limb elevation
  - (d) surgery
4. Most common site for putting chest drain in case of pleural effusion is
  - (a) 2<sup>nd</sup> intercostal space mid clavicular line
  - (b) 7<sup>th</sup> intercostal space mid axillary line
  - (c) 5<sup>th</sup> intercostal space anterior axillary line
  - (d) 5<sup>th</sup> intercostal space just lateral to vertebral column
5. Most common primary cardiac tumour is
  - (a) Rhabdomyoma
  - (b) Myxoma
  - (c) Leiomyoma
  - (d) Lipoma
6. Absolute contraindication of heart transplant is
  - (a) HIV infection
  - (b) Age > 60 years
  - (c) Irreversible pulmonary hypertension
  - (d) Pulmonary vascular disease
7. Most popular incision for open general thoracic surgical procedure is
  - (a) Anterior thoracotomy
  - (b) Median sternotomy
  - (c) lateral thoracotomy
  - (d) Transverse thoracosternotomy

8. Commonest cause of AN fistula is
  - (a) Congenital
  - (b) Traumatic
  - (c) Iatrogenic
  - (d) Tumour erosion
9. Fogarty's catheter is used for
  - (a) Drainage of urinary bladder
  - (b) Parenteral hyperalimentation
  - (c) Removal of embolus from blood vessel
  - (d) Ureteric catheterisation
10. Earliest sign of DVT is
  - (a) Calf tenderness
  - (b) Rise of temperature
  - (c) Swelling of calf muscle
  - (d) Homar sign

## SECTION - II (Orthopedics)

- |   |  |    |
|---|--|----|
| 1 | Write long essays : (any two)  | 20 |
|   | <ol style="list-style-type: none"> <li>1. Congenital vertical Talus.</li> <li>2. Inter-vertebral disc degeneration</li> <li>3. Total hip arthroplasty.</li> </ol>  |    |
| 2 | Write short essays : (any two)   | 10 |
|   | <ol style="list-style-type: none"> <li>1. Scurvy</li> <li>2. Pre-requisites of Tendon Transfer</li> <li>3. Types of Nerve injuries</li> <li>4. New in Radial Nerve Palsy.</li> </ol>                                   |    |
| 3 | Write in brief : (any five)  | 10 |
|   | <ol style="list-style-type: none"> <li>1. Trigger Thumb</li> <li>2. Plantar fascitis</li> <li>3. Skeletal Traction</li> <li>4. Spinal braces</li> <li>5. Enchondroma</li> <li>6. Girdle stone Arthroplasty.</li> </ol> |    |

4 Multiple Choice Questions : (Attempt all)

10

1. Shepherd Crook deformity seen in
  - (a) Fibrous dysplasia
  - (b) Osteogenesis imperfecta
  - (c) Blount disease
  - (d) Osteosarcoma
2. All of following are used in management of RA except -
  - (a) NSAIDs
  - (b) DMARDs
  - (c) Steroids
  - (d) Allopurinol
3. All are chronic inflammatory disease except
  - (a) Rheumatoid Arthritis
  - (b) Gout
  - (c) Ankylosing spondylitis
  - (d) Transient Hip synovitis
4. First deformity to correct in Ponsetti casting in CTEV is
  - (a) Equinus
  - (b) Forefoot Adduction
  - (c) Cavus
  - (d) Tibial Torsion
5. All of following are disease of childhood except
  - (a) CTEV
  - (b) DDH
  - (c) Spina Ventosa
  - (d) AVN Femur
6. Which is not a management option in Hip Arthrosis ?
  - (a) Girdle stone Arthroplasty
  - (b) HRA
  - (c) Hip Arthrodesis
  - (d) TMR
7. Gold is used in management of -
  - (a) Tuberculosis
  - (b) Gout
  - (c) Ankylosing Spondylitis
  - (d) Rheumatoid Arthritis
8. Indication of clasp # fixation is -
  - (a) Open injury
  - (b) Middle Third Fracture
  - (c) Comminuted fracture
  - (d) Lateral Third Fracture

9. Management of CTEV in 3 year old child includes all except -
- (a) Ponsetti casting
  - (b) CTEV shoes
  - (c) Triple Arthrodesis
  - (d) Surgical release
10. Most common primary malignant tumor of bone is
- (a) Multiple myeloma
  - (b) Osteosarcoma
  - (c) Osteochondroma
  - (d) GCT