



MW-9536

Seat No. _____

Third Year B. Physiotherapy Examination

January – 2018

Surgery : Paper-II

Time : 3 Hours]

[Total Marks : 100

Instructions :

- 1) Write each section in separate answerbook.
- 2) Figure to the right indicates full marks.
- 3) Draw figure where necessary.

SECTION – I

(Cardio-Thoracic Surgery)

- 1** Write Answers : (Any **Two**) **20**
 - (a) Describe causes, pathophysiology, clinical features, investigations and treatment of tetralogy of fallot.
 - (b) Describe clinical features, investigation and management of aortic stenosis.
 - (c) Lung abscess-etiology, clinical features, investigation and management.

- 2** Write Short Notes : (Any **Two**) **10**
 - (a) Prosthetic heart valves
 - (b) Pulmonary function test
 - (c) Chest physiotherapy

- 3** Write In Brief : (Any **Five**) **10**
 - (a) Triangle of safety
 - (b) Mitral stenosis
 - (c) Intermittent claudication
 - (d) Angiography
 - (e) Empyema necessitance
 - (f) Transposition of great vessels

- 4** Select The Most Appropriate Answer From The Options Given Below Each Question (All Questions Compulsory) **10**
 - (a) True regarding hydatid cyst of lung is
 - (1) Calcification is common
 - (2) Never ruptures
 - (3) More common in lower lobes
 - (4) Associated with liver hydatid cyst

- (b) Most common benign tumour of lung is
 - (1) Hamartoma
 - (2) Teratoma
 - (3) Alveolar adenoma
 - (4) Fibroma
- (c) Spontaneous pneumothorax is commonly seen in
 - (1) Smokers
 - (2) Old age
 - (3) Young female
 - (4) Short statured man
- (d) Treatment of choice for tension pneumothorax is
 - (1) Immediate intercostal tube drainage
 - (2) Continuous aspiration by needle
 - (3) Intermittent aspiration by needle
 - (4) Thoracotomy with repair of leakage
- (e) VATS refers to
 - (1) Vacuum assisted thoracic surgery
 - (2) Video assisted thoracoscopic surgery
 - (3) Video assisted transplant surgery
 - (4) None of the above
- (f) True statement about adenocarcinoma lung is
 - (1) Not associated with smoking
 - (2) Central cavitation is characteristic feature
 - (3) Peripheral involvement is common
 - (4) Upper lobe involvement is common
- (g) In Pancoast tumour following is seen except
 - (1) Horner syndrome
 - (2) Rib erosion
 - (3) Hemoptysis
 - (4) Pain in shoulder and arm
- (h) All of the following conditions may predispose to pulmonary embolism except
 - (1) Protein S-deficiency
 - (2) Malignancy
 - (3) Obesity
 - (4) Progesterone therapy
- (i) Valvoplasty is done in all following except
 - (1) Coarctation of aorta
 - (2) Mitral stenosis
 - (3) Aortic stenosis
 - (4) Aortic regurgitation

- (j) Acute vascular ischaemia manifest as except
- (1) Pulselessness
 - (2) Flushing
 - (3) Paralysis
 - (4) Anaesthesia

SECTION – II (*Orthopaedics*)

- 5** Write Long essay on the following : (any **two** out of **three**) **20**
- (a) Gout
 - (b) Rheumatoid arthritis
 - (c) Avascular necrosis of femoral head
- 6** Write in Short on following : (any **two** out of **three**) **10**
- (a) Ulnar nerve palsy,
 - (b) Tendon transfers
 - (c) Osteoarthritis knee
- 7** Write in short : (**Five** out of **six**) **10**
- (a) Causalgia (sudeck's)
 - (b) Trigger finger
 - (c) Rotator cuff tear of shoulder
 - (d) Osteoporosis
 - (e) Hyperparathyroidism
 - (f) March fracture
- 8** Select the correct option in the following : **10**
- (1) In subcapitate fracture of neck of femur the position of the limb is ?
 - (a) Abduction
 - (b) External rotation
 - (c) Flexion and internal rotation
 - (d) Adduction
 - (2) The nerve mostly likely to get injured in patients with fracture of upper end of radius is ?
 - (a) Median
 - (b) Ulnar
 - (c) PIN
 - (d) Radial
 - (3) The malunion of supracondylar fracture of humerus most commonly leads to ?
 - (a) Flexion deformity
 - (b) Cubitus varus
 - (c) Cubitus valgus
 - (d) Extension deformity

- (4) DIP joint is not involved in ?
(a) Neuropathic arthropathy
(b) Psoriatic arthritis
(c) Rheumatoid arthritis
(d) Multicentric histiocytes
- (5) Tom Smith arthritis is the other name for ?
(a) Acute gonococcal arthritis
(b) Chronic pyogenic arthritis
(c) Septic arthritis of infancy
(d) Small pox arthritis
- (6) What is a typical feature of carpal tunnel syndrome ?
(a) Symptoms diminish by wrist flexion
(b) Pain worsens at night
(c) Erythema is present in the cutaneous distribution of median nerve
(d) Motor symptoms precede sensory symptoms
- (7) Which tumour arises from the epiphysis ?
(a) Osteoclastoma
(b) Osteosarcoma
(c) Ewing's sarcoma
(d) Chondro myxoid fibroma
- (8) Normal bone remodeling in response to stress was described by ?
(a) Pauwels
(b) Andrey
(c) Wolffe
(d) Hugh Owen Thomas
- (9) All the following are true of primary subacute osteomyelitis except ?
(a) Brodie's abscess
(b) Garre osteomyelitis
(c) Salmonella Osteomyelitis
(d) Brucellar Osteomyelitis
- (10) Sunray burst appearance on Xray is seen in ?
(a) Osteiod osteoma
(b) GCT
(c) Osteosarcoma
(d) Osteoporosis