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SARDAR PATEL UNIVERSITY
First Year Bachelor of Occupational Therapy External Examination
Bachelor of Occupation Therapy
BOTH-101
(Human Anatomy)

Thursday 2nd January 2014

Time :- 10.30 AM to 1.30 PM

Total Marks : 70

Q. 1. Multiple Choice Questions: -

10

Instructions: Tick mark the best possible alternative for the following questions:

1. Vertebra Prominens is
A) Atlas
B) Axis
C) 7th Cervical vertebra
D) 12th Thoracic vertebra
2. Pseudostratified ciliated columnar epithelium lines
A) Trachea
B) Oesophagus
C) Gall bladder
D) Blood vessels
3. Winging of scapula is due to injury to
A) Subscapular nerve
B) Suprascapular nerve
C) Long thoracic nerve
D) Dorsal scapular nerve
4. Myelination in Central Nervous System is done by
A) Oligodendrocytes
B) Microglia
C) Astrocytes
D) Schwann cells
5. Apex of heart is formed by
A) Left atrium
B) Left ventricle
C) Right ventricle
D) None of above
6. The following is an example of endocrine gland :
A) Parotid gland
B) Submandibular gland
C) Suprarenal gland
D) Sublingal gland
7. The cartilage present in external ear is :
A) Hyaline cartilage
B) Elastic cartilage
C) Fibrocartilage
D) None of above
8. The example of long bone is
A) Hip bone
B) Vertebra
C) Humerus
D) Scapula
9. Pulmonary veins open into :
A) Left atrium
B) Right atrium
C) Right ventricle
D) Left Ventricle
10. Shoulder joint is an example of :
A) Fibrous joint
B) Ball and socket synovial joint
C) Secondary cartilaginous joint
D) Pivot joint

P.T.O.

Q.2 Answer the following:

(A) Write in short(ANY FIVE)

15

1. Cubital fossa
2. Ligaments of knee joint
3. Venous drainage of heart
4. Auditory pathway
5. Bronchopulmonary Segments
6. Draw & label Brachial Plexus
7. Boundaries & contents of femoral triangle
8. Movements of shoulder joint

(B) Write in short(ANY THREE)

15

- a) Floor of 4th Ventricle
- b) Blood supply of Spinal cord
- c) Muscles of Mastication & their nerve supply
- d) Corpus Callosum
- e) Inversion & Eversion of foot
- f) Movements of Eye ball
- g) Hamstring muscles

Q.3 Answer the following:

(A) Write in short(ANY FIVE)

15

1. Nerve supply and action of quadriceps femoris muscle
2. Boundaries & content of Adductor canal
3. List muscles of anterior triangle of neck with nerve supply & action
4. Draw & label cut section of spinal cord showing formation of spinal nerve
5. Action of chief muscles of anterior compartment of arm
6. Chambers of heart
7. Pronation & supination
8. Ulnar nerve in hand

(B) Write in short(ANY THREE)

15

- a) External & internal features of Duodenum
- b) Middle ear cavity
- c) Movements of knee joint
- d) Mechanism of breathing of thoracic cage
- e) Action & nerve supply of sternocleidomastoid muscle
- f) Cerebellar peduncle

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