

J.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

100A
8

1st yr. B.D.S (2009 Batch) **First Internal Assessment Examination** **Department of Human Anatomy**

Dated: 16.01.2010

Max Marks - (70)

Time: 3 hours

Note:

- All questions are compulsory
- Write Part A & Part B in a separate sheet
- Draw diagrams wherever necessary

Part A

MM-35

- Q1. a) Describe the course, relations and distribution of the median nerve in forearm and hand.
- b) Write the effects of compression of median nerve in Carpal Tunnel Syndrome. (8)
- Q2. Describe the boundaries, the roof and the floor of the posterior triangle and enumerate its contents. (8)
- Q3. Write short notes on the following- (3x3=9)
- a) Dangerous area of face
 - b) Erb's paralysis
 - c) Trendelenberg's Test
- Q4. 1) All muscles are supplied by Ulnar Nerve except – (2x5=10)
- a) Interossei
 - b) Flexor Carpi Ulnaris
 - c) Palmaris Longus
 - d) Flexor Pollicis Brevis
- 2) All are the structures passing through Superior Orbital Fissure except –
- a) Ophthalmic Veins
 - b) Abducent Nerve
 - c) Oculomotor Nerve
 - d) Lateral Rectus Muscle
- 3) All of the following are Composite muscles except – *
- a) Brachialis
 - b) Pronator teres
 - c) Adductor magnus
 - d) Pectineus

4) All of the following are the adductors at Shoulder Joint except –

- a) Pectoralis major
- b) Coracobrachialis
- c) Teres major
- ~~d) Biceps brachii~~

5) The following bones form the 'pteryon' –

- ~~a) Parietal bone~~
- ~~b) Sphenoid bone~~
- ~~c) Zygomatic bone~~
- d) Temporal bone

Part B

MM-35

Q5. Describe the femoral triangle under following headings –

(8)

- a) Roof ✓
- b) Floor ✓
- c) Boundaries
- d) Contents

Q6. Give an account of the following –

(4+4=8)

- a) Endochondral Ossification
- ~~b) Sensory Supply of face~~

Q7. Write short notes on the following

(2x4=8)

- a) Traction Epiphysis
- b) Blood supply of growing bone
- c) Anterior facial Vein
- d) Histology of stratified squamous keratinized Epithelium

Q8. Explain the anatomical basis of the following

(2.5x2=5)

- a) Wound of scalp bleed profusely
- b) Black Eye

Q9. Enumerate the following (description and diagram not required)

(2x3=6)

- a) Branches of medial cord of brachial plexus
- b) Flexors of knee Joint
- c) Extraocular muscles supplied by oculomotor nerve.

(19)

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE
47, KNOWLEDGE PARK – III, GREATER NOIDA

1st YR. B.D.S (2009 Batch)
FINAL INTERNAL ASSESSMENT EXAMINATION (SENT UP)
Subject: - Human Anatomy

Date: 28/08/10
Time: 3 hours
Marks: 70

Note:

1. Attempt all the questions of Part - A & Part -B in a sequence.
2. Draw neat and well labeled diagrams wherever necessary.
3. Use separate answer sheets for part A & part B

PART -A

- Q1. Describe the nuclei, functional components, course, relations and distribution of glossopharyngeal nerve. (8)
- Q2. Discuss the gross anatomy, relations, blood supply, nerve supply and applied anatomy of submandibular gland. (8)
- Q3. Write Short notes on : - (2.5X4=10)
- | | |
|--|-----------------------------|
| a) Development of upper lip. | b) Microanatomy of tonsils. |
| c) Posterior cord of Branchial Plexus. | d) Popliteus muscles. |
- Q4. Write the correct answer of the following multiple choice questions . (2X5=10)
- | | |
|---|--|
| 1. All are the branches of External Carotid artery except.
a) Superior thyroid artery
c) Ascending pharyngeal artery | b) Lingual artery
d) Middle Meningeal artery |
| 2. Loop of lingual artery is crossed by
a) Facial Nerve
c) Mandibular Nerve | b) Hypoglossal Nerve
d) Glossopharyngeal Nerve |
| 3. Lining epithelium of lung alveolus is :
a) Simple Columnar
c) Simple Squamous | b) Simple Cuboidal
d) Pseudostratified Ciliated Columnar. |
| 4. The Thyroid muscle is supplied by :
a) Superior root of ansa Cervicalis
c) Ventral ramus of C ₁ nerve through Hypoglossal Nerve.
d) Ventral ramus of C ₁ nerve through Superior Laryngeal Nerve. | b) Inferior root of ansa Cervicalis |
| 5. Select the correct statement about the parotid gland.
a) It is located in the retromandibular fossa. b) It is composed mainly of mucous acini.
c) It gets its secretomotor supply through facial nerve d) It is devoid of capsule. | |

PART-B

- Q1. Give the origin, Insertion, nerve supply, Important relations and actions of Digastric Muscle. (7)
- Q2. Write short notes on - (2.5X8 =20)
- | | |
|-----------------------------------|-----------------------------------|
| a) Palatine tonsils | b) Blood supply of Thyroid gland. |
| c) Features of Horner's syndrome. | d) Maxillary Sinus. |
| e) Dural Venous Sinuses. | f) Epiphysis. |
| g) Down's Syndrome | h) Pleura |
- Q3. Draw a well labeled diagram of medulla at the level of sensory decussation. (2)
- Q4. Enumerate : (1X5=5)
- | | |
|---|--|
| a) Derivatives of 2 nd Pharyngeal Arch. | b) Structures forming the floor of Carotid triangle. |
| c) Structures forming stomach bed. | d) Muscles of Hamstring group. |
| e) Arteries supplying the heart and their branches. | |