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Roll No. ...60938047...

B.D.S. I Prof.

5135(N)

B.D.S. Supply & Main Examination,

Feb. 2014

Human Anatomy, Embryology, Histology &

Medical Genetics

(BDS-01)

Time : Three Hours] [Maximum Marks : 70

Note: Attempt all questions of Part-I and Part

II. Use Separate copy for Part-I and

Part-II.

Part-I

1. Describe the Facial Nerve under following

headings :

8

(a) Functional Components and Nuclei

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(b) Extracranial Course & Relations

(c) Branches and distribution

(d) Applied anatomy

2. Describe Temporo mandibular joint under fol-

lowing headings : 8

(a) Articular surfaces and ligaments

(b) Important relations

(c) Movements & muscles producing them

(d) Applied anatomy

3. Write short notes on : 3 x 3 = 9

(a) Otic ganglion

(b) Maxillary air Sinus

(c) Development of Palate

4. Write the correct answers of the following

multiple choice question : 2 x 5 = 10

(i) The nerve of 2nd Pharyngeal arch is

(b) Post. 2/3rd of Tongue

(c) Posterior 1/3 of Tongue

(d) Whole of dorsal surface of Tongue

(v) The salivary gland opening in the vestibule of oral cavity is

(a) Parotid gland

(b) Submandibular salivary gland

(c) Sublingual gland

(d) All of the above

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(21014) Roll No.

B.D.S. I Prof.

5135 (N)

B.D.S. Supply & Main Examination,

Oct. 2014

Human Anatomy, Embryology, Histology &

Medical Genetics

(BDS-01)

Time : Three Hours

[Maximum Marks : 70

Note : Attempt all questions of Part-I and Part-

II. Use separate copy for Part-I and

part-II.

Part - I

1. Describe the oculomotor nerve under fol-
lowing headings : 8

(a) Functional components ✓

(b) Nuclear Origin ✓

(c) Course, relations and distribution ✓

(d) Applied Anatomy ✓

2. Describe briefly : 2×4=8

(a) Posterior triangle ✓

(b) Investing layer of deep cervical fascia ✓

(b) The following muscles of the neck are
innervated by the ansa cervicalis except

(1) Sternohyoid

(2) Sternothyroid

(3) Omohyoid

(4) Thyrohyoid.

(c) All the venous sinuses are paired ex-
cept

(1) Transverse sinus

(2) Sigmoid sinus

(3) Cavernous sinus ✓

(4) Superior sagittal sinus

(d) At Little's area following arteries make
anastomosis except

(1) Septal branch of facial

(2) Long sphenopalatine ✓

(3) Terminal branches of greater pa-
latine

(4) Anterior ethmoidal branch of oph-
thalmic artery

(e) The deciduous teeth lack this type of
tooth

(1) Incisor

(2) Canine

(3) Premolar

(4) Molar

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3. Write short notes on :

3x3=9

- (a) Development of Thyroid gland ✓
- (b) Dangerous area of face ✓
- (c) Muscles of mastication ✓

4. Write the correct answers of the following multiple choice question : 2x5=10

- (a) Face is developed by
 - (1) Mandibular process
 - (2) Maxillary process
 - (3) Frontonasal process
 - (4) All of the above
- (b) Structures passing through superior orbital fissure except.
 - (1) Inferior ophthalmic vein
 - (2) Superior ophthalmic vein
 - (3) Optic nerve
 - (4) Abducent nerve
- (c) The parasympathetic ganglion that sends post ganglionic fibres to the lacrimal gland :
 - (1) Ciliary
 - (2) Optic
 - (3) Trigeminal
 - (4) Pterygopalatine
- (d) The structure that occupy the fenestra vestibuli is :
 - (1) Stapedius muscle
 - (2) Facial nerve

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- (3) Base of the stapes
- (4) Tensor tympani muscle
- (e) Which of the following muscles is/are innervated by the pharyngeal plexus :

- (1) Middle constrictor
- (2) Tensar Vell palatini
- (3) Salpingo pharyngeus
- (4) Medial pterigoid

Part - II

5. Describe the submandibular gland in detail.

Give a note on deep structures of submandibular region. 8

6. Describe briefly :

2x4=8

- (a) Lateral wall of nose
- (b) Palatine muscles

7. Write short notes on :

3x3=9

- (a) Microanatomy of tongue
- (b) Skeleton of the larynx
- (c) Waldeyer's ring of lymphoid tissue

8. Write the correct answer of the following multiple choice questions. 2x5

- (a) Hassel's corpuscles are present in :
 - (1) Spleen
 - (2) Tonsil
 - (3) Thymus
 - (4) thyroid

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