

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination – JULY 2019

GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

1. Classify the Dural venous sinuses. Explain the Cavernous sinus in detail. Add a note on applied aspects?(3+4+2=9M)

2. Describe the thyroid gland under the following headings?(3+2+2+2=9M)

i. Parts,borders and surfaces. ii. Blood supply iii. Relation iv. Development

II. Write the short notes on: (8×4=32)

3. Spermatogenesis

4. Sternocleidomastoid muscle

5. Median nasal septum

6. Maxillary artery

7. Soft palate

8. Submandibular ganglion

9. Parotid duct

10. Microscopic structure of palatine tonsil.

III. Write brief notes on:(10 ×2= 20 M)

11. Name the branches of facial artery

12. Formation and termination of External jugular vein

13. Name the structures passing through the foramen ovale of skull.

14. Structure forming placental barrier.

15. Name the boundaries of carotid triangle of neck.

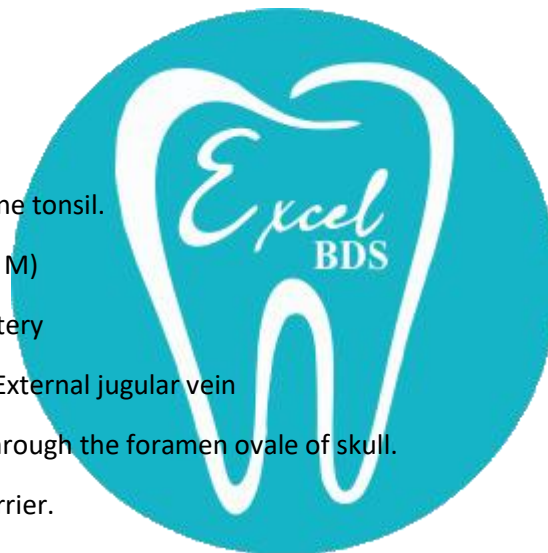
16. Name the branches of mandibular nerve.

17. Microscopic structure of Hyaline cartilage.

18. Nerve supply of tongue.

19. Nasolacrimal duct.

20. Pretracheal fascia of neck



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BDS 1st Year Examination - JANUARY 2018
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the Mandibular Nerve under the following headings:-

Extra cranial course, branches and structures supplied by it

- Name the paranasal air sinuses. Explain the boundaries nerve supply and opening and applied anatomy of maxillary air sinus

SHORT NOTES ON:-

- Buccinator muscle
- Microscopic structure of lymph node
- Ramus of mandible
- Chromosomes
- Parotid duct
- Ansa cervicalis
- Nerve supply of tongue
- Orbicularis oculi



WRITE BRIEFLY ON:-

- Connections of ciliary ganglion
- Desiduous Teeth
- Second pharyngeal arch
- Suprameatal triangle
- Microscopic picture of large vein
- Movements of temporomandibular joint
- Arterial supply of palatine tonsil
- Structures passing through internal acoustic meatus
- Wormian bones
- Spinal part of accessory nerve

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination - JUNE/JULY 2017

GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the parotid gland under the following headings:-
~ Position ~ External features ~ Coverings ~ Duct system
- Explain the temporomandibular joint under the following headings:-
~ Type ~ Bone Articulating ~ Ligaments ~ Applied Anatomy

SHORT NOTES ON:-

- Blood supply of Thyroid Gland
- Sensory nerve supply of face
- Relations of Hyoglossus
- Superior Orbital Fissure
- Development of Tongue
- Microscopic structure of Sensory Ganglion
- Nerve supply of Scalp
- Arytenoid cartilage of larynx



WRITE BRIEFLY ON:-

- Name the parts of inferior constrictor pharyngeal muscle and its nerve supply
- Components involved in formation of hard palate
- List out two differences between collagen and elastic fibres
- Spermiogenesis
- List out two functions of Paranasal air sinuses
- Attachments of Pretracheal fascia
- Enumerate four branches of third part of Maxillary artery
- Nasolacrimal duct~ its extent
- Sesamoid bone
- Nerve supply of digastric muscle

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BDS 1st Year Examination - JANUARY 2017
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the blood supply, relations and development of thyroid gland

- Describe the lateral wall of the nose under:-
~ Bones (names only) ~ Structures in the wall ~ Nerve supply ~ Applied aspects

SHORT NOTES ON:-

- Muscles of the soft palate
- Carotid sheath
- Movements of Temporomandibular joint
- Facial artery
- Submandibular ganglion
- Histology of hyaline cartilage
- Primitive streak
- Maxillary air sinus



BRIEFLY ON:-

- Branches of external carotid artery
- Nerve supply of the larynx
- Structures in the lateral wall of cavernous sinus
- Muscles derived from second pharyngeal arch
- Hare lip
- Emissary veins
- Buccinator
- Structure passing through foramen ovale
- Superior oblique muscle of eye
- Spinal accessory nerve

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination - JUNE/JULY 2016
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the parotid gland under:-
~ Surfaces and borders ~ Relations ~ Structures inside the gland ~ Nerve supply
- Name the muscles of Tongue. Discuss the blood supply, nerve supply and lymphatic drainage of Tongue

SHORT NOTES ON:-

- Middle meatus of the nose
- Microscopic structure of Bone
- Microscopic structure of skeletal muscle
- Formation and fate of notochord
- External jugular vein
- Nerve supply of the scalp
- Ciliary ganglion
- Tympanic membrane



WRITE BRIEFLY ON:-

- Inferior alveolar nerve
- Middle meningeal artery
- Branches of subclavian artery (names only)
- Bones derived from the first pharyngeal arch
- Submandibular lymph nodes
- Orbicularis oculi parts, actions
- Pretracheal fascia
- Name muscle Attached to styloid process of temporal bone
- Ansa cervicalis
- Horner syndrome

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BDS 1st Year Examination - JANUARY 2016
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the blood supply, relations and development of thyroid gland
- Describe muscles of Mastication under:-
~ Origin ~ Insertion ~ Nerve supply ~ Action ~ Applied aspects

SHORT NOTES ON:-

- Meiosis
- Otic Ganglion
- Nerve Supply of Tongue
- Venous drainage of face
- Lingual Artery
- Openings related to lateral wall of nasal cavity
- Digastric muscles
- Microscopic picture of Hyaline Cartilage



WRITE BRIEFLY ON:

- Nerve supply of ocular muscles
- Name the branches of external carotid artery
- Name the muscles of larynx
- Oblique facial cleft
- Galea Aponeurotica
- Tympanic membrane
- Lymphatic drainage of nasal septum
- Vocal cords
- Falx cerebri
- Name tributaries of cavernous sinus

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination - JUNE/JULY 2015
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

ANATOMY

LONG ESSAY

- Describe the course of Maxillary artery, branches and their distribution
- Describe the situation, relations, microscopy and nerve supply of parotid gland

SHORT NOTES ON:-

- Anterior fontanelle
- Microscopic picture of Kidney
- Notochord
- Auditory tube
- Internal jugular vein
- Carotid sheath
- Corpus callosum
- Development of Tongue



WRITE BRIEFLY ON:-

- Reichert's cartilage
- Superior orbital fissure
- Blood supply of nasal septum
- Contents of sub occipital triangle
- Hare lip
- Foramen transversarium
- Retromandibular vein
- Cricothyroid muscle
- Parts of internal capsule
- Laws of ossification

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination - JANUARY 2015
GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the origin, course, relations, branches and applied anatomy of mandibular nerve
- Describe the type, ligaments, relations, movements and muscles causing the movements of temporomandibular joint

SHORT NOTES ON:-

- Relations of ramus of mandible
- Microscopic structure of pituitary gland
- Orbicularis oculi muscle
- Nerve supply to scalp
- Buccinator muscle
- Otic ganglion
- Maxillary air sinus
- Histological appearance of submandibular gland



WRITE BRIEFLY ON:-

- Derivatives of first pharyngeal cleft
- Name the contents of suprasternal space
- Mention any four branches of cervical plexus
- Name any two muscles of soft palate and their nerve supply
- Mention any four branches of external carotid artery
- Name the structures passing through foramen spinosum
- Nerve supply and actions of superior oblique muscle of the eye ball
- What are the branches of facial artery in the face
- Primary teeth
- Microscopic picture of skeletal muscle

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination - JUNE 2014

GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe the position, relations, blood supply and development of Parotid gland
- Describe the muscles of mastication under the following headings:-
- Origin • Insertion • Nerve supply • Action

SHORT NOTES ON:-

- Nerve supply of tongue
- Derivatives of hyoid arch
- Fourth layer of scalp
- Mitosis
- Carotid Sheath
- Features of axis vertebra
- Classification of synovial joints
- Middle meatus of nose



WRITE BRIEFLY ON:-

- Metopic suture
- Enumerate four structures passing through jugular foramen
- Attachments and venous sinuses of falx cerebri
- Four nerves related to mandible
- Draw and label structure of Hyaline Cartilage
- List out four congenital facial anomalies
- Pterion
- Vocal cord
- Formation and termination of external jugular vein
- Name the pharyngeal constrictors. What is their nerve supply

Kaloji Narayana Rao University of Health Sciences Warangal, Telangana

BDS 1st Year Examination – Jan 2014

GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

LONG ESSAY

- Describe mandibular nerve under:-

~Origin ~Divisions and Branches ~Course and relations ~Applied Aspects

- Describe the position, relations, blood supply and histology of thyroid gland

SHORT NOTES ON:-

- Microscopic picture of TS of bone
- Cavernous sinus
- Sphenoidal air sinus
- Development of palate
- Blood supply of scalp (only arterial supply)
- Submandibular Ganglion
- Histology of lymph node
- Subclavian artery



WRITE BRIEFLY ON:-

- Hyoid bone
- Sphenomandibular ligament
- Auditory tube
- Parotid duct
- Cricothyroid:- origin and insertion
- Hare lip
- Articular disc of temporomandibular joint
- Circumvallate papillae
- Sesamoid bone
- Name the extrinsic muscles of tongue

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