

B.D.S. DEGREE EXAMINATION – JUNE, 2010
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(New Regulations)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Mention the features of the maxillary artery under the following:- parts, course, and branches. 1+3+5=9
- 2) Describe the cavernous sinus under the following features:- extent, tributaries, relations and communications. 1+2+3+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Sternocleidomastoid muscle
- 4) Carotid sheath
- 5) Subclavian artery
- 6) Ramus of the mandible
- 7) Somites
- 8) Palatine tonsil
- 9) Development of the tongue
- 10) Histology of lymph node

WRITE BRIEFLY ON:

- 10x2=20

- 11) Microscopic structure of large sized artery
- 12) Nasal septum
- 13) Vocal Cords
- 14) Pterygo Maxillary Fissure
- 15) Parotid fascia
- 16) Structures supplied by trunk of the mandibular nerve
- 17) Development of upper lip
- 18) Name the nerves related to the thyroid gland
- 19) Name the muscles enclosed by the general investing layer of deep cervical fascia
- 20) Name any two longitudinal muscles of the pharynx

B612

Dr. 21/6/10

B.D.S. DEGREE EXAMINATION – JANUARY, 2010
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(New Regulations)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Enumerate the contents and boundaries of the carotid triangle. Describe its contents in detail. 2+2+5=9
- 2) Describe the mandibular nerve under the following headings: 1+3+5=9
 Extracranial course, branches, structures supplied by it.

WRITE SHORT NOTES ON:

8x4=32

- 3) Buccinator muscle
- 4) Spermatogenesis
- 5) Microscopic structure of hypophysis cerebri
- 6) Facial Artery
- 7) Auditory Tube
- 8) Hyoglossus Muscle
- 9) Lateral wall of the nasal cavity
- 10) Greater occipital nerve

WRITE BRIEFLY ON:

10x2=20

- 11) Second arch cartilage derivatives
- 12) Foramen
- 13) Jugular foramen
- 14) Contents of supra sternal space
- 15) Cutaneous nerve supply to anterior half of the scalp
- 16) Muscles supplied by spinal part of the Accessory nerve
- 17) Microscopic structure of a medium sized artery
- 18) Development of parathyroid glands
- 19) Oblique facial cleft
- 20) Cricothyroid muscle

★
B612
 ★

416

BDS DEGREE EXAMINATIONS – JUNE, 2008
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NEW REGULATIONS)

Time : 3 Hours

Note: Answer all questions.

Max. Marks: 70

Illustrate your answers with suitable diagrams

1. Describe the TEMPOROMANDIBULAR JOINT under the following headings: (1+1+2+4+1=9)
- a) Type & subtype.
 - b) Bones taking part.
 - c) Ligaments.
 - d) Movements & muscles responsible.
 - e) Applied anatomy.

2. Write origin, course and branches of facial nerve. Write a note on dangerous area of the face. (2+3+2+2=9)

WRITE SHORT NOTES ON:

3. Orbicularis oculi.
4. Microscopic picture of suprarenal gland.
5. Second pharyngeal arch.
6. External auditory meatus.
7. External carotid artery.
8. Suprasternal space.
9. Circle of Willis.
10. Intraembryonic mesoderm.

8x4=32

WRITE BRIEFLY ON:

11. Meckel's cartilage.
12. Superior nuchal lines.
13. Medial relations of lobe of thyroid gland.
14. Sub mental triangle.
15. Foramen ovale of skull.
16. Name the muscles of mastication (Major and Minor).
17. Facial vein.
18. Movements of vocal cords.
19. Parts of corpus callosum.
20. Superior oblique muscle of eye ball.

10x2=20

400

B.D.S. DEGREE EXAMINATION – JANUARY, 2009
FIRST BDS EXAMINATION
HUMAN ANATOMY INCLUDING HISTOLOGY AND EMBRYOLOGY
(Old Regulations)

Time : 3 Hours

Max. Marks : 70

Note: Answer Part A & B in separate answer books. Questions in Part 'A' should not be answered in Part 'B' and vice versa. Otherwise they will not be valued.

Answer all questions.

Illustrate your answers with suitable diagrams

PART – A (35 MARKS)

1. Name the muscles of the tongue. What are the blood supply, nerve supply and lymphatic drainage of the tongue?

(2+2+3+2=9)

WRITE SHORT NOTES ON:

4x4=16

2. Derivatives of pharyngeal pouches.
3. Lingual Artery.
4. Carotid sheath.
5. Name the extra ocular muscles of eye ball and their nerve supply and action.

WRITE BRIEFLY ON:

5x2=10

6. Name the branches of arch of aorta.
7. Mention the branches of anterior division of mandibular nerve.
8. Define Karyotyping.
9. Primary Teeth.
10. Define physical Anthropology.

PART – B (35 MARKS)

11. Describe the blood supply, relations and development of thyroid gland.

3+3+3=9

WRITE SHORT NOTES ON:

4x4=16

12. Fertilization
13. Submandibular ganglion
14. Parotid duct
15. Hyoglossus muscle

WRITE BRIEFLY ON:

5x2=10

16. Name the structures in the lateral wall of cavernous sinus.
17. Mention the arteries supplying the scalp.
18. Branches of facial nerve in the face.
19. Nerve supply and action of cricothyroid muscle.
20. Chorda tympani nerve.

★
B612
★

B.D.S. DEGREE EXAMINATION – JANUARY, 2010
FIRST BDS EXAMINATION
HUMAN ANATOMY INCLUDING HISTOLOGY AND EMBRYOLOGY
(Old Regulations)

Time : 3 Hours

Max. Marks : 70

Note: Answer Part A & B in separate answer books. Questions in Part 'A' should not be answered in Part 'B' and vice versa. Otherwise they will not be valued.

Answer all questions.

Draw neat labeled diagrams wherever necessary.

PART – A (35 MARKS)

- 1) Describe the course, branches and their distribution of maxillary artery. 2+7=9

WRITE SHORT NOTES ON:

- 2) Blood supply of palatine tonsil 4x4=16
 3) Development of face and its anomalies
 4) Microscopic structure of lymph node
 5) Inferior alveolar nerve

WRITE BRIEFLY ON:

- 6) Name the muscles of mastication (Major and Minor) 5x2=10
 7) Lateral pterygoid muscle
 8) Deciduous teeth
 9) Sex chromosome
 10) Nerves carrying taste sensation from tongue

PART-B (35 MARKS)

- 11) Describe the constrictors of pharynx. Add a note on the interior of nasopharynx. 3+2+2+2=9

WRITE SHORT NOTES ON:

- 12) Interior of larynx 4x4=16
 13) Microscopic structure of spleen
 14) Hyoglossus muscle
 15) Distribution of facial nerve

WRITE BRIEFLY ON:

- 16) Name four structures passing through superior orbital fissure 5x2=10
 17) Branches from posterior division of mandibular nerve
 18) Barr body
 19) Name the tributaries of internal jugular vein
 20) Name the bones meeting at bregma

FIRST BDS EXAMINATION

HUMAN ANATOMY INCLUDING HISTOLOGY AND EMBRYOLOGY
(OLD REGULATIONS)

Time : 3 Hours

Max. Marks : 70

Note: Answer Part A & B in separate answer books. Questions in Part 'A' should not be answered in Part 'B' and vice versa. Otherwise they will not be valued.

Answer all questions.

Illustrate your answers with suitable diagrams

PART – A (35 MARKS)

1. Name the muscles of mastication. Describe the attachments, nerve supply and actions of any one of them. (1+5+1+2=9)

WRITE SHORT NOTES ON:

4x4=16

2. Classification of chromosomes.
3. Microscopic structure of spleen.
4. Facial artery.
5. Development of palate and associated anomalies.

WRITE BRIEFLY ON:

5x2=10

6. Nerve supply of septum of nose.
7. Types of epiphyses with examples.
8. Morphology and attachments of sphenomandibular ligament.
9. Name any four tributaries of internal jugular vein.
10. What is metopic suture?

PART – B (35 MARKS)

11. Describe the anatomy, histology, blood supply and nerve supply of Submandibular Salivary Gland. 3+2+2+2=9

WRITE SHORT NOTES ON:

4x4=16

12. Sub-occipital triangle
13. Pharyngeal pouches
14. Paranasal air sinuses
15. Histological appearance of elastic artery

WRITE BRIEFLY ON:

5x2=10

16. Name the muscles forming the floor of carotid triangle.
17. Developmental anomalies of face.
18. What are the branches of third part of maxillary artery?
19. What is the nerve supply and actions of cricothyroid muscle?
20. Name the bones meeting at pterion.

FIRST BDS EXAMINATION

HUMAN ANATOMY INCLUDING HISTOLOGY AND EMBRYOLOGY

Time : 3 Hours

Max. Marks : 70

Note: Answer Part A & B in separate answer books. Questions in Part 'A' should not be answered in Part 'B' and vice versa. Otherwise they will not be valued.

Answer all questions.

Illustrate your answers with suitable diagrams

PART – A (35 MARKS)

1. Describe the position, relations, blood supply and microscopy of Thyroid gland.

(1+3+2+3=9)

WRITE SHORT NOTES ON:

4x4=16

2. Ansa cervicalis
3. Microscopic structure of liver
4. Derivatives of hyoid arch
5. Ciliary ganglion

WRITE BRIEFLY ON:

5x2=10

6. Name the muscles supplied by spinal accessory nerve.
7. Mention the sensory nerves supplying the mucosa of tongue.
8. Dangerous area of the scalp.
9. Name any four contents of carotid triangle.
10. Adductor and Abductor of vocal cords and their nerve supply.

PART – B (35 MARKS)

11. Describe the boundaries and contents of middle ear.

6+3=9

WRITE SHORT NOTES ON:

4x4=16

12. Development of face
13. Hyoglossus muscle
14. Cavernous sinus
15. Microscopic picture of pancreas

WRITE BRIEFLY ON:

5x2=10

16. Name the structures pierced by parotid duct.
17. Nerve supply and actions sternocleidomastoid muscle
18. What are the layers of cervical fascia?
19. What is Bell's Palsy?
20. Mention four structures passing through superior orbital fissure.

B.D.S. DEGREE EXAMINATION – DECEMBER, 2010/JANUARY, 2011
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.**Draw neat labeled diagrams wherever necessary.**

- 1) Describe the origin, course, relations, branches and applied anatomy of maxillary nerve. 2+2+2+2+1=9
- 2) Describe the position, relations, blood supply and development of Parotid gland. 1+4+2+2=9

WRITE SHORT NOTES ON:8x4=32

- 3) Tympanic membrane
- 4) Microscopic structure of compact bone
- 5) Derivatives of mandibular arch
- 6) Venous drainage of face
- 7) Maxillary artery
- 8) Lateral wall of nasal cavity
- 9) Maxillary air sinus
- 10) Histological appearance of peripheral nerve

WRITE BRIEFLY ON:10x2=20

- 11) Structures attached to styloid process of temporal bone
- 12) Digastric muscle
- 13) Mention any FOUR branches of cervical plexus
- 14) Name any TWO muscles of larynx and their nerve supply
- 15) Hilton's law
- 16) Name the structures passing through stylomastoid foramen
- 17) Nerve supply and actions of inferior oblique muscle of the eye ball
- 18) Name the contents of carotid sheath
- 19) Microscopic picture of cardiac muscle
- 20) Blastocyst

B.D.S. DEGREE EXAMINATION – MARCH, 2008
SECOND BDS EXAMINATION
ORAL ANATOMY, ORAL PHYSIOLOGY & ORAL HISTOLOGY

Time : 3 Hours

Max. Marks : 70

**Note: Answer Part A & B in separate answer books. Questions in Part 'A' should not be answered in Part 'B' and vice versa. Otherwise they will not be valued.
 Answer all questions.**

PART - A

1. Describe the morphology of permanent maxillary first molar. 9
 Add a note on its chronology.

WRITE SHORT NOTES ON:

4x4=16

2. Stages of deglutition
3. Cells of periodontal ligament
4. Age changes in dentin
5. Active & Passive eruption

WRITE BRIEF NOTES ON:

5x2=10

6. Embrasures
7. Centric relation
8. Line angles and point angles
9. Osteoclast
10. Gnarled enamel

PART - B

11. Describe in detail amelogenesis. 9

WRITE SHORT NOTES ON

4x4=16

12. Theories of eruption
13. Incremental lines
14. Cementogenesis
15. Development of tongue

WRITE BRIEF NOTES ON:

5x2=10

16. Denticles
17. Bundle bone
18. Goblet cell
19. Hunter-schregger bands
20. Macrophages

B.D.S. DEGREE EXAMINATION – JUNE, 2011
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- | | |
|--|---------|
| 1) Classify dural venous sinuses. Describe the cavernous sinus. | 5+4=9 |
| 2) Describe the origin, course and branches of mandibular nerve. | 2+3+4=9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Trochlear nerve.
- 4) Para nasal air sinuses.
- 5) Rhomboid fossa of fourth ventricle of brain.
- 6) Microscopic picture of Pituitary gland.
- 7) Hyoid bone
- 8) External jugular vein
- 9) Development of face and its anomalies.
- 10) Movements of Temporomandibular joint

WRITE BRIEFLY ON:

10x2=20

- 11) Nerve supply and action of mylohyoid
- 12) Premaxilla
- 13) Inferior alveolar nerve
- 14) Branches from first part of maxillary artery
- 15) Sphenomandibular ligament
- 16) Jugular foramen
- 17) Temporary Teeth
- 18) Tonsil
- 19) Name any four contents of Digastric triangle
- 20) Little's area

416 / 400

B.D.S. DEGREE EXAMINATION – DECEMBER, 2012
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Explain the features in the lateral wall of nasal cavity. 5+2+2=9
Add a note on its blood supply and nerve supply.

- 2) Name the boundaries and contents of carotid triangle. 6+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Hyoglossus muscle
- 4) Blood supply to long bones
- 5) Microscopic picture of elastic artery
- 6) Boundaries and contents of sub occipital triangle
- 7) Orbicularis oculi muscle
- 8) Superior orbital fissure
- 9) Relations of lateral lobe of thyroid gland
- 10) Mandibular nerve

WRITE BRIEFLY ON:

10x2=20

- 11) Mandibular foramen
- 12) Name the modifications of cranial dura mater
- 13) Bell's Palsy
- 14) Microscopic picture of thyroid gland
- 15) Pterion
- 16) Muscles attached to superior nuchal line
- 17) Distribution of inferior division of oculomotor nerve
- 18) Development of parathyroid gland
- 19) Structures pierced by parotid duct
- 20) Attachment of Sphenomandibular ligament

★
B612
★

B.D.S. DEGREE EXAMINATION – JUNE, 2012
 FIRST BDS EXAMINATION
 GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
 (NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the mucous membrane of the tongue. 2+3+2+2=9
 Enumerate the muscles, nerve supply and development of the tongue.
- 2) Enumerate the Extra ocular muscles. Mention their nerve 2+2+3+2=9
 supply, actions and applied anatomy.

WRITE SHORT NOTES ON:

8x4=32

- 3) Facial artery
- 4) Nasal septum
- 5) Development of face
- 6) Microscopic picture of thin skin.
- 7) Ramus of mandible
- 8) Otic ganglion
- 9) Microscopic picture of Liver
- 10) Cavemous sinus

WRITE BRIEFLY ON:

10x2=20

- 11) Islets of Langerhans
- 12) Dangerous areas of scalp.
- 13) Blood supply of Palatine tonsil
- 14) Muscles supplied by spinal accessory nerve
- 15) Distribution of Lingual nerve
- 16) Vocal cord
- 17) Elastic cartilage
- 18) Dental formula in adults
- 19) Blastocyst
- 20) Parts of brain stem

...

★
 B612
 ★

B.D.S. DEGREE EXAMINATION – JANUARY, 2014
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.**Draw neat labeled diagrams wherever necessary.****1) Describe mandibular nerve under****1+3+3+2=9**

- a) Origin
- b) Divisions and Branches
- c) Course and Relations
- d) Applied Aspects

2) Describe the position, relations, blood supply and histology of thyroid gland.**1+3+2+3=9****WRITE SHORT NOTES ON:****8x4=32**

- 3) Microscopic picture of T.S of bones
- 4) Cavernous sinus
- 5) Sphenoidal air sinus
- 6) Development of palate
- 7) Blood supply of scalp (only arterial supply)
- 8) Submandibular Ganglion
- 9) Histology of lymph node
- 10) Subclavian artery

WRITE BRIEFLY ON:**10x2=20**

- 11) Hyoid bone
- 12) Sphenomandibular ligament
- 13) Auditory tube
- 14) Parotid duct
- 15) Cricothyroid – origin and insertion
- 16) Hare lip
- 17) Articular disc of tempero-mandibular joint
- 18) Circumvallate papillae
- 19) Sesamoid bone
- 20) Name the extrinsic muscles of tongue

416 / 400

B.D.S. DEGREE EXAMINATION – JUNE, 2013
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the anatomy, histology, blood supply and nerve supply of submandibular salivary gland. 3+2+2+2=9
- 2) Describe the extra cranial course, branches and distribution of facial nerve. Add a note on Bell's palsy. 3+3+2+1=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Pharyngeal pouches
- 4) Fourth ventricle
- 5) Ciliary ganglion
- 6) Classification of chromosomes
- 7) Posterior cricoarytenoid muscle
- 8) Maxillary air sinus
- 9) Microscopic picture of trachea
- 10) Cartilaginous joints

WRITE BRIEFLY ON:

10x2=20

- 11) Nerve supply and action of sternocleidomastoid muscle
- 12) Dangerous area of the face
- 13) Blood supply of thyroid gland
- 14) Name venous sinuses associated with tentorium cerebelli
- 15) Name any four age changes of mandible
- 16) Name parts of lacrimal apparatus
- 17) Name four connective tissue cells and their functions
- 18) Development of upper lip
- 19) Bones meeting at pterion
- 20) Contents of carotid sheath.

B612

416 / 400

B.D.S. DEGREE EXAMINATION – JUNE, 2014
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the position, relations, blood supply and development of Parotid gland 1+4+2+2=9
- 2) Describe the muscles of mastication under the following headings. 3+3+1+2=9
 - a) Origin
 - b) Insertion
 - c) Nerve supply
 - d) Action

WRITE SHORT NOTES ON:

8x4=32

- 3) Nerve supply of tongue
- 4) Derivatives of hyoid arch
- 5) 4th layer of scalp
- 6) Mitosis
- 7) Carotid Sheath
- 8) Features of axis vertebra
- 9) Classification of synovial joints
- 10) Middle meatus of nose

WRITE BRIEFLY ON:

10x2=20

- 11) Metopic suture
- 12) Enumerate four structures passing through jugular foramen
- 13) Attachments and venous sinuses of falx cerebri
- 14) 4 nerves related to mandible
- 15) Draw and label structure (Microscopic) of Hyaline Cartilage
- 16) List out 4 (four) congenital facial anomalies
- 17) Pterion
- 18) Vocal cord
- 19) Formation and termination of external jugular vein
- 20) Name the pharyngeal constrictors. What is their nerve supply?

★ B612 ★

B612
23/6/14

416 / 400

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
B.D.S. DEGREE EXAMINATION – JUNE/JULY, 2017
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the parotid gland under the following headings: 1+4+2+2=9
- Position
 - External features
 - Coverings
 - Duct system

- 2) Explain the temporomandibular joint under the following headings: 1+2+4+2=9
- Type
 - Bones Articulating
 - Ligaments
 - Applied Anatomy

WRITE SHORT NOTES ON:

8x4=32

- 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:

10x2=20

- Name the parts of Inferior constrictor pharyngeal muscle and its nerve supply
- Components involved in formation of hard palate
- List out (2) two differences between collagen and elastic fibres
- Spermiogenesis
- List out (2) two functions of Paranasal air sinuses
- Attachments of Pretracheal fascia
- Enumerate (4) four branches of third part of Maxillary artery
- Nasolacrimal duct – Its extent
- Sesamoid bone
- Nerve supply of digastric muscle



B.D.S. DEGREE EXAMINATION – JANUARY, 2015
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the origin, course, relations, branches and applied anatomy of mandibular nerve. 2+2+2+2+1=9
- 2) Describe the type, ligaments, relations, movements and muscles causing the movements of temporomandibular joint. 1+2+2+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Relations of ramus of mandible
- 4) Microscopic structure of pituitary gland
- 5) Orbicularis oculi muscle
- 6) Nerve supply to scalp
- 7) Buccinator muscle
- 8) Otic ganglion
- 9) Maxillary air sinus
- 10) Histological appearance of submandibular gland

WRITE BRIEFLY ON:

10x2=20

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

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
B.D.S. DEGREE EXAMINATION – JANUARY, 2016
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Max. Marks : 70

Time : 3 Hours

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the blood supply, relations and development of Thyroid gland 2+4+3=9
- 2) Describe muscles of Mastication under 2+2+2+2+1=9
 - a) Origin
 - b) Insertion
 - c) Nerve supply
 - d) Action
 - e) Applied Aspects

WRITE SHORT NOTES ON:

8x4=32

- 3) Meiosis
- 4) Otic Ganglion
- 5) Nerve Supply of Tongue
- 6) Venous drainage of face
- 7) Lingual Artery
- 8) Openings related to lateral wall of nasal cavity
- 9) Digastric muscle
- 10) Microscopic picture of Hyaline Cartilage

WRITE BRIEFLY ON:

10x2=20

- 11) Nerve supply of ocular muscles
- 12) Name the branches of external carotid artery
- 13) Name the muscles of larynx
- 14) Oblique facial cleft
- 15) Galea Aponeurotica
- 16) Tympanic membrane
- 17) Lymphatic drainage of nasal septum
- 18) Vocal cords
- 19) Falx cerebri
- 20) Name tributaries of cavernous sinus

★
B612
★

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – JUNE/JULY, 2015

FIRST BDS EXAMINATION

GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY

(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the course of Maxillary artery, branches and their distribution. 2+3+4=9
- 2) Describe the situation, relations, microscopy and nerve supply of PAROTID GLAND. 2+3+2+2=9

WRITE SHORT NOTES ON:

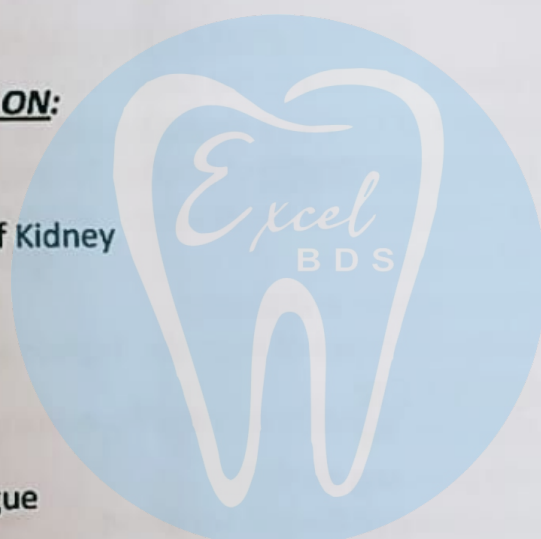
8x4=32

- 3) Anterior fontanelle
- 4) Microscopic picture of Kidney
- 5) Notochord
- 6) Auditory tube
- 7) Internal jugular vein
- 8) Carotid sheath
- 9) Corpus callosum
- 10) Development of Tongue

WRITE BRIEFLY ON:

10x2=20

- 11) Reichert's cartilage
- 12) Superior orbital fissure
- 13) Blood supply of nasal septum
- 14) Contents of sub occipital triangle
- 15) Hare lip
- 16) Foramen transversarium
- 17) Retromandibular vein
- 18) Cricothyroid muscle
- 19) Parts of internal capsule
- 20) Laws of ossification



416 / 400

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
B.D.S. DEGREE EXAMINATION – JUNE/JULY, 2016
FIRST BDS EXAMINATION
GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the parotid gland under 2+4+1+2=9
- a) Surfaces and borders
 - b) Relations
 - c) Structures inside the gland
 - d) Nerve supply

- 2) Name the muscles of Tongue. Discuss the blood supply, nerve supply and lymphatic drainage of Tongue. 2+2+3+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Middle meatus of the nose
- 4) Microscopic structure of Bone
- 5) Microscopic structure of skeletal muscle
- 6) Formation and fate of notochord
- 7) External jugular vein
- 8) Nerve supply of the scalp
- 9) Ciliary ganglion
- 10) Tympanic membrane

WRITE BRIEFLY ON:

10x2=20

- 11) Inferior alveolar nerve
- 12) Middle meningeal artery
- 13) Branches of subclavian artery (names only)
- 14) Bones derived from the first pharyngeal arch
- 15) Submandibular lymph nodes
- 16) Orbicularis oculi parts, actions
- 17) Pretracheal fascia
- 18) Name muscle attached to styloid process of temporal bone
- 19) Ansa cervicalis
- 20) Horner syndrome

★
B612
★

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 B.D.S. DEGREE EXAMINATION – JUNE/JULY, 2016
 FIRST BDS EXAMINATION (NR) SECOND BDS EXAMINATION (OR)
 DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Write about composition, formation of Saliva and add a note on antimicrobial properties of Saliva. 3+3+3=9
- 2) Write about Maxillary Canine and its differences with Mandibular Canine. 6+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Histology and functions of maxillary sinus
- 4) Theories of pain transmission
- 5) Stages of tooth development
- 6) Shedding of deciduous teeth
- 7) Histology of pulp
- 8) Functions and clinical considerations of cementum
- 9) Histology of non keratinized epithelium
- 10) Hypocalcified areas of enamel

10x2=20

WRITE BRIEFLY ON:

- 11) Embrasures
- 12) Palatine rugae
- 13) Col
- 14) Pits and fissures
- 15) Odontoblasts and Odontoclasts
- 16) Odland bodies
- 17) Curve of Wilson and Curve of Spee
- 18) Clearing agent
- 19) Tomes process
- 20) Stellate reticulum



**GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY
(NR & OR)**

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

Draw neat labeled diagrams wherever necessary.

- 1) Describe the blood supply, relations and development of thyroid gland. 3+3+3=9
- 2) Describe the lateral wall of the nose under 2+4+2+1=9
 - a) Bones (names only)
 - b) Structures in the wall
 - c) Nerve supply
 - d) Applied aspects

WRITE SHORT NOTES ON:

8x4=32

- 3) Muscles of the soft palate
- 4) Carotid sheath
- 5) Movements of Temporomandibular joint
- 6) Facial artery
- 7) Submandibular ganglion
- 8) Histology of hyaline cartilage
- 9) Primitive streak
- 10) Maxillary air sinus

WRITE BRIEFLY ON:

10x2=20

- 11) Branches of external carotid artery
- 12) Nerve supply of the larynx
- 13) Structures in the lateral wall of cavernous sinus
- 14) Muscles derived from second pharyngeal arch
- 15) Hare lip
- 16) Emissary veins
- 17) Buccinator
- 18) Structures passing through foramen ovale
- 19) Superior oblique muscle of eye
- 20) Spinal accessory nerve