Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination –Mar 2022

Time: Three Hours Max. Marks: 70 Marks

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS 2 x 10 = 20 Marks

1. Describe Extraocular Muscles of eyeball under tte following headings

(a) Origin (b) Insertion (c) Nerve supply (d) Actions (e) Applied Anatomy

2. Describe lateral Wall of Nose under the following headings:

(a) Anatomy (b) Features (c) Blood supply (d) Nerve supply (e) Applied Anatomy

SHORT ESSAYS (8X5=40MARKS)

3. Microscopic Anatomy of Cardiac Muscle - explain with a labelled diagram.

4. Middle Meningeal Artery - Origin, course and branches.

5. Ansa Cervicalis formation, branches and distribution.

6. Boundaries and contents of Posterior Triangle of Nec.

7. Cavernous Sinus- situation, communication and tributaries.

8. Atlanto-Occipital Joint.

9. Derivatives of I-IV Endo-dermal Pouches of Pharynax.

10. Vocal folds- attachments and movements.

SHORT ANSWERS (5X2=10MARKS)

11. Name any four structures passing through Foramen Magnum.

12. Name any four structures related to Lateral Wall of Palatine Tonsil.

13 Submandibular Duct.

14. Name the branches of First part of Subclavian Artery.

15. Draw a neat labelled diagram of Histology of Trachea.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination –Nov 2021

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS 2 x 10 = 20 Marks

1. Describe parotid gland under (o) location and external features, (b) structures within gland, (e) structures passing out of gland, (d) blood supply, (e) nerve supply

2. Classify dural venous sinuses and describe cavernous sinus under (a) position, (b) relations, (C) veins draining, (d) communications, (e) applied aspects

LONG ESSAYS

3. Boundaries and contents of Digastric triangle.

4. Gross anatomy of Submandibular gland.

5. Histology of lymph node- explain with a neat labeled diagram.

6. Fertilization.

7. Lateral Pterygoid muscle

8. Lacrimal apparatus.

9. Nasal septum-formation, blood supply and nerve supply

10. Maxillary air sinus.

SHORT ANSWERS (5X2=10MARKS)

11. Derivatives of third pharyngeal arch.

12. Ansa cervicalis.

13. Labeled diagram of histology of white fibro cartilage.

14. Name the Muscles of soft palate.

15. Structures passing through foramen magnum

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination – 24 MAR 2021

Time: Three Hours Max. Marks: 70

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY (RS3)

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAYS 2X10=20 Marks

Q.1 Describe the gross anatomy of parotid gland under the following headings.
detail under the following headings:
a) Location and external features.
b) Relations.
c) Nerve supply.
d) Applied aspects.

Q.2 Classify the dual venous sinuses. Describe the gross anatomy of cavernous sinus in
a) Location.
b) Relations.
c) Structures passing through.
d) Applied anatomy.

SHORT ESSAYS 8X5=40 Marks

Q.3 Otic Ganglion- location, Roots, Branches.

Q.4 Hyoglossus- Attachments, Nerve supply, Action.

Q.5 Motor and sensory nerve supply of the face.

Q.6 Inferior alveolar nerve - Origin, course, branches and termination.

Q.7 Nasal septum- Formation, blood supply, nerve supply.

Q.8 Histology of Palatine tonsil - Explain with a neat labelled diagram.

Q.9 Fertilization.

Q.10 Extraocular muscle - Nerve supply and actions.

SHORT ANSWERS 2X5=10 Marks

Q.11 Mention the components of lacrimal apparatus.

Q.12 Pyriform fossa- boundaries and applied anatomy.

Q.13 Structure attached to mastoid process.

Q.14 Draw a neat labelled diagram of histology of adipose tissue.

Q.15 Name the branches of facial artery in face.

Rajiv Gandhi University of Health Sciences, Karnataka

B.D.S Degree Examination 19-Nov-2020

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

LONG ESSAYS

1. Describe Parotid Gland under the following headings: (Aug 2017)

a) Situation b) Relations c) structures within the Gland d) Secretomotor Pathway e) Applied Anatomy

2. Describe Tongue under the following headings: (June 2016)

a) Gross features b) Nerve supply c) Lymphatic Drainage d) Development

SHORT ESSAYS

3. Microscopic Anatomy of Thymus- explain with labeled diagram.
4. Sphenoidal Air Sinus - boundaries, relations and applied Anatomy.
5. Digastric Triangle boundaries and contents.
6. Derivatives of Second Pharyngeal Arch.
7. Parts and branches of Maxillary Artery.
8. Dangerous layer of Scalp and its applied Anatomy.
9. Submandibular Ganglion- situation, roots and branches.
10. Orbicularis Oculi -parts, nerve supply and action.

Excel BDS

SHORT ANSWERS

11. Name any four Muscles supplied by Recurrent Laryngeal Nerve.
12. Name the structures passing through Foramen Ovale.
13. Labeled diagram of Histology of Trachea.
14. Development of Upper Lip.
15. Pharyngobasilar Fascia.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JUNE 2019

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS 2 x 10 = 20 Marks

1. Describe the commencement, course, termination and branches of external carotid artery.

2. Describe the Cavernous Sinus under the following headings:

a) Situation

b) Relations

c) Communications

d) Tributaries

e) Applied Anatomy

SHORT ESSAYS 8 x 5 = 40 Marks

3. Mention the midline structures of neck

4. Microscopic anatomy of Spleen – explain with labeled diagram

5. Derivatives of first pharyngeal arch

6. Boundaries and contents of Infra temporal fossa

7. Name the Muscles of tongue, their nerve supply and action

8. Branches of maxillary artery

9. Falx Cerebri

10. Formation, blood supply and nerve supply of Nasal septum

SHORT ANSWERS 5 x 2 = 10 Marks

11. Auditory tube

12. Boundaries and applied aspects of Pyriform fossa

13. Bones forming the orbital cavity

14. Formation and contents of Carotid sheath

15. Medial Pterygoid muscle

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - December-2019

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

11- DECEMBER- 2019

LONG ESSAYS (2×19=20)

1. Describe the scalp under the following heads: (a) layers (b) blood supply (c) nerve supply (d) applied aspects

2. Describe the temporomandibular joint under the following heads: (a) articulating surfaces (b) ligaments (c) movements and muscles producing them applied anatomy.

SHORT ESSAYS (8×5=40)

3. Buccinator attachments, nerve supply, actions.

4. Carotid sheath formation, contents, relations.

5. Branches and distribution of Mandibular nerve.

6. Blood supply of Thyroid gland.

7. Gross anatomy of Tympanic membrane.

8. Development of tongue.

9. Histology of hyaline cartilage - explain with a neat labeled diagram.

10. Styloid apparatus.

Excel BDS

SHORT ANSWERS (5×2=10)

11. Mention any four branches of maxillary artery.

12. Draw a neat, labeled diagram of transverse section of bone.

13. Name any four tributaries of internal jugular vein.

14. Name the structures opening in middle meatus of nose.

15. Name the stages of development of tooth.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - December-2018

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

▪ LONG ESSAYS

• Describe Scalp under the following headings:

(a) Extent.(b) Layers.(c) Blood supply. (d) Nerve supply. (e) Applied Anatomy.

• Describe Pituitary Gland under the following headings:

(a) situation. (b) Relations. (c) Development.(d) Add a note on its microscopic structure.

▪ SHORT ESSAYS

• Microscopic Anatomy of T/S of Compact Bone explain with labeled diagram.

• Ciliary Ganglion situation, roots and branches.

• Buccinator muscle: attachment, nerve supply and action.

• Lingual Artery origin, parts and branches.

• Movements of Temporomandibular Joint.

• Graffian Follicle.

• External Jugular Vein: formation, course, termination and tributaries.

• Interior of Larynx extent, salient features and Nerve supply.

Excel BDS

▪ SHORT ANSWERS

• Inferior Meatus of Nose.

• Oblique Facial Cleft.

• Labeled diagram of histology of Thyroid Gland.

• Occipital Myotomes.

• Name any four Muscles attached to Hyoid Bone.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - July -2018

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

▪ LONG ESSAYS

- Name the pharyngeal constrictors, their attachment, nerve supply and actions.
- Describe the origin, course and branches of Mandibular nerve.

▪ SHORT ESSAYS

- Microscopic anatomy of Medium sized artery: Explain with a diagram.
- Development of palate.
- Boundaries and contents of digastric triangle.
- Muscles of mastication: attachments and nerve supply.
- Interior of the larynx : extent and features in it. (Dec 2018)
- Lymphatic drainage of tongue.
- Origin, course and branches of Lingual artery. (Dec 2018)
- Situation, roots and branches of Pterygopalatine ganglion.

Excel BDS

▪ SHORT ANSWERS

- Structures passing through Internal acoustic meatus.
- Congenital anomalies of tongue.
- Name the parts of temporal bone.
- Frontal air sinus.
- Applied anatomy of scalp.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DECEMBER 2017

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe the interior of Larynx under:

a) Boundaries of laryngeal inlet and salient features b) Blood supply c) Nerve supply d) Applied Anatomy

• Describe the boundaries and contents of Carotid Triangle of Neck.

SHORT ESSAYS

• Histology of Skeletal Muscle explain with neat labeled diagram.

• Explain Maxillary Air Sinus in detail.

• Development of Face and its anomalies

• Name the layers of Deep Cervical Fascia.

• Explain formation, extent and contents of Carotid sheath.

• Ciliary Ganglion situation, roots and branches

• Muscles and nerve supply of Soft Palate

• Parts and branches of Maxillary Artery

• Auditory tube

SHORT ANSWERS

• Extra Cranial branches of Facial Nerve

• Blood supply of Palatine Tonsil

• Draw a labeled histology diagram of Lung.

• Derivatives of Third Pharyngeal Arch

• Parotid Duct

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - August 2017

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe the Muscles of Mastication under-

(a) Origin. (b) Insertion. (c) Nerve supply. (d) Actions. (e) Applied Anatomy.

• Describe the Parotid Gland under-

(a) Coverings. (b) Surfaces and relations. (c) Parotid Duct. (d) Applied Anatomy.

SHORT ESSAYS

• Histology of Lymph Node: Explain with labelled diagram.

• Formation, blood supply and nerve supply of Nasal Septum.

• Development of Tongue and its anomalies.

• Constrictors of Pharynx: attachments and structures passing between them.

• Blood supply and Nerve supply of Scalp.

• Boundaries, contents and applied aspects of Sub occipital Triangle.

• Carotid Sheath and Contents.

• Relations and Blood supply of Thyroid Gland.

SHORT ANSWERS

• Sub Mandibular Duct.

• Tubo tympanic Recess.

• Draw a labelled diagram of histology of Trachea.

• Mention the branches of Third part of Maxillary Artery.

• Vocal Folds.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DECEMBER 2016

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe Parotid Gland under the following headings:

a) Situation b) Relations c) Blood supply d) Nerve supply e) Applied Anatomy

• Describe the Cavernous Sinus under the following headings

a) situation b) Relations c) Tributaries and Communications d) Applied Anatomy

SHORT ESSAYS

• Histology of Lymph Node: explain with neat labeled diagram.

• Development of Tongue.

• Superior constrictor of Pharynx.

• Movements of Temporomandibular Joint.

• Boundaries and contents of Digastric Triangle.

• Facial Artery origin, branches and termination.

• Ciliary Ganglion locations, roots and branches.

• Nasal Septum: formation, blood supply, nerve supply and applied aspects.

SHORT ANSWERS

• Derivatives of First Pharyngeal Arch.

• Waldeyer's Lymphatic Ring.

• Transitional Epithelium.

• Structures passing through Foramen Ovale.

• Nerve supply of Larynx.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JUNE 2016

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

1. Name the Paranasal Air Sinuses. Describe the Maxillary Air Sinus in detail.
2. Describe the Muscles of Mastication under the following headings:
    a) Origin
    b) Insertion
    c) Nerve supply
    d) Actions
    e) Development

SHORT ESSAYS **8 x 5 = 40 Marks**

3. Orbicularis Oculi
4. Development of Thyroid Gland with anomalies
5. Histology of Thin Skin – explain with a labeled diagram
6. Otic Ganglion – location, roots and branches
7. Nerve supply of Tongue in correlation with development
8. Explain Cartilages of Larynx
9. Inferior Alveolar Nerve
10. Muscles of Soft Palate, attachments, Nerve supply and action

SHORT ANSWERS **5 x 2 = 10 Marks**

11. Name the Ossicles of Middle Ear.
12. Histology of Large Vein – neat labeled diagram only
13. Name the terminal branches of External Carotid Artery.
14. Name any four Muscles supplied by Recurrent Laryngeal Nerve.
15. Pterygoid Venous Plexus

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2015

Time: Three Hours **Max.Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

1. Describe the location, external features, relations, blood supply and applied anatomy of the thyroid gland. (1+3+3+2+1=10)
2. Describe the formation, features, blood supply and nerve supply of the lateral wall of the nose. (2+4+2+2=10)

SHORT ESSAYS **8 x 5 = 40 Marks**

3. Ansa cervicalis
4. Tentorium cerebelli
5. Retromandibular vein
6. Development of the palate
7. Orbicularis oculi muscle
8. Microscopic structure of the skeletal muscle
9. Lingual artery
10. Ciliary ganglion

Excel BDS

SHORT ANSWERS **5 x 2 = 10 Marks**

11. Submandibular lymph nodes
12. Development of the parathyroid glands
13. Vocal folds
14. Foramen ovale
15. Sphenomandibular ligament

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JULY 2015

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe the Muscles of Tongue under:

a) origin b) Insertion c) Nerve supply d) Actions e) Applied Anatomy

• Describe the Sub Mandibular Gland under:

a) Parts and Relations b) Nerve supply c) Duct d) Applied Anatomy

SHORT ESSAYS

• Histology of Compact Bone - explain with labeled diagram.

• Boundaries and structures related to Nasopharynx.

• Development of Palate and its anomalies.

• Describe the origin, insertion and nerve supply of Extra Ocular muscle.

• Vertebral Artery

• Thyroid Cartilage

• Tympanic Membrane

• Inferior Alveolar Nerve

SHORT ANSWERS

• Frontal Nerve.

• Epicranial Aponeurosis.

• Draw a labeled diagram of histology of Pancreas.

• Boundaries and applied aspects of Pyriform Fossa.

• Blood supply of Thyroid Gland.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2014

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. Describe the boundaries, contents of Posterior Triangle of the Neck.
2. Describe the layers of Scalp, blood supply, nerve supply and applied aspects.

SHORT ESSAYS **8 x 5 = 40 Marks**

3. Boundaries and structures related to Nasopharynx
4. Cartilages of larynx
5. Microscopic anatomy of Lymph node – explain with labeled diagram.
6. Boundaries and contents of Orbital cavity.
7. Boundaries and contents of carotid triangle
8. Muscles of pharynx
9. Lateral wall of nasal cavity
10. Nerve supply of tongue

Excel BDS

SHORT ANSWERS **5 x 2 = 10 Marks**

11. Temporalis muscle
12. Mastoid air cells
13. Little's area
14. Styloid apparatus
15. Labelled diagram – microscopic anatomy of elastic cartilage

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JUNE 2014

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe the Posterior Triangle of Neck under the following headings:

a) Boundaries b) Subdivisions c) Contents in detail d) Applied aspects

• Describe the Temporomandibular Joint under the following headings:

a) Type of Joint and Articular surface b) Ligaments C) Relations d) Movements and Muscles responsible e) Applied aspects

SHORT ESSAYS

• Pterygo Palatine Ganglion

• Mylohyoid Muscle

• Midline structures in the Neck

• Sensory and Motor Nerve supply of Scalp

• Derivatives of 2nd Pharyngeal Arch

• Histology of Transverse section of Bone

• Structure passing through Foramen Magnum

• Ansa Cervicalis

SHORT ANSWERS

• Development of Tympanic Membrane

• Histology of Skeletal Muscle neat labeled diagram only.

• Name the Arteries supplying Pituitary Gland.

• Name the Muscles supplied by Spinal Accessory Nerve.

• Formation and termination of Internal Jugular Vein.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DECEMBER 2013

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

• Describe the temporomandibular joint under

(a) bones involved (b) ligaments (c)movements and muscles causing them (d) nerve supply (e) applied aspects

• Describe the gross anatomy of thyroid gland under

(a) parts (b) relations (c) blood supply (d) applied aspects

SHORT ESSAYS

• Histology of skin
• Development of face and facial anomalies
• Lateral wall of nasal cavity
• Muscles of larynx
• Sensory supply of face
• Carotid triangle
• Investing layer of deep cervical fascia
• Midline structures of neck

SHORT ANSWERS

•Derivatives of second pharyngeal arch
• Blood supply of palatine tonsi
• Labeled diagram of histology of hyaline cartilage
• Branches of the first part of maxillary artery
• Muscles attached to Styloid process

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JUNE 2013

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

- Enumerate the dural venous sinuses and explain the cavernous sinus.
- Describe the palatine tonsil under the following headings.

a) Situation. b) Parts c) Relations d) Applied anatomy

SHORT ESSAY

- Histology of the Lymph node.
- Rima Glottidis.
- Somites
- Otic ganglion
- Development of palate.
- Histology of thyroid gland :diagram and salient features
- Hyoglossus muscle and its relations
- Maxillary air sinus

SHORT ANSWERS

- Pretracheal fascia.
- Branches of facial artery of face.
- Tympanic membrane.
- Name Extra ocular muscles of the eye ball
- Name Bones forming the nasal septum

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DECEMBER - 2012

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the Mandibular nerve under the following headings:

(a) origin. (b) Course. (c) Relations. (d) Branches and distribution.

• Describe the Thyroid gland under the following headings:

(a) Position. (b) Coverings. (c) Parts. (d) Relations. (e) Blood Supply.

SHORT ESSAY

• Ciliary ganglion.

• Hyoglossus muscle.

• First part of Maxillary Artery.

• Microscopic Anatomy of Palatine Tonsil.

• Nasal septum.

• Vessels of face.

• Carotid sheath.

• Buccinator muscle.

SHORT ANSWERS

• Stylomandibular ligament.

• Dangerous area of Scalp.

• Muscle and Nerve of Third Pharyngeal Arch.

• Straight Sinus.

• Cleft Lip.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - JUNE/ JULY-2012

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the Temporomandibular joint under the following headings:

(a) Bones articulating (b) Ligaments (c) Articular disc (d) Blood supply (e)Movements and muscles.

• Describe the Scalp under the following headings.

(a) Extent. (b) Layers. (c) Nerve supply. (d) Blood supply. (e) Lymphatic Drainage.

SHORT ESSAYS

• Buccinator.

• Carotid sheath.

• Maxillary Sinus.

• Fertilization and its effects.

• Histology of tongue: Diagram and silent features.

• Development of face and anomalies.

• Middle meatus of the lateral wall of the nose.

• Retromandibular Vein.

SHORT ANSWERS

• Cleft palate.

• Histology of thyroid gland:draw and label.

• Mylohyoid muscle.

• Branches of facial artery in the neck.

• Skeletal Derivatives of second Pharyngeal Arch.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - December 2011 Or Jan 2012

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the extrinsic muscles of the eye ball under the following headings:

a) Origin b) Insertion c) Nerve supply d) Action d) Applied Anatomy

• Describe the Cavernous sinus under the following headings:

a) Location b) Relations c) Tributaries d) Communities e) Applied anatomy

SHORT ESSAY

• Sternocleidomastoid.

• Lingual Artery.

• External jugular Vein.

• Development of Tooth.

• Microscopic anatomy of thyroid Gland.

• Waldeyers Ring.

• Superior cervical ganglion.

• Styloid process.

Excel BDS

SHORT ANSWERS

• Ansa cervicalis.

• Parotid duct.

• Sinus of Larynx.

• Morula.

• Ligament of Berry.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June Or July 2011

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the Parotid gland under the following heading:

a) Situation and coverings b) Parts and relations c) Blood supply d) Applied anatomy

• Describe tempero mandibular joint under the following heading:

a) Articulating surface and bones b) Ligaments and capsule of the joints c) Articular disc

d) Blood supply and nerve supply (e) Movements and mechanism

SHORT ESSAY

• Histology of the palatine tonsil.

• Carotid sheath.

• Vocal cord.

• Superior sagital sinus.

• Master muscle.

• Course of facial artery and it's branches in the face.

• Applied anatomy of the scalp.

SHORT ANSWERS

• Ansa cervicalis.

• Middle meatus.

• Formation of external jugular vein.

• Types of papillae over the tongue.

• Suboccipital muscle.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - December 2010

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the thyroid gland under the following headings:

a) Situation and coverings b) Parts and relations c) Blood & nerve supply d) Applied anatomy

• Describe the Lateral wall of the nose under the following headings:

a) Parts. b) Openings c) Blood Supply d) Applied anatomy

SHORT ESSAY

• Histology of the large artery.

• Facial nerve in face.

• Sensory innervations of the face.

• Layers of the scalp.

• Development of face and anomalies.

• Histology of thyroid gland.

• Digastric muscle.

• Thyroid cartilage.

SHORT ANSWERS

• Buccopharyngeal fascia.

• Parotid duct.

• Contents of carotid sheath.

• Nerve supply of the tongue.

• Naso lacrimal duct.

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June or July 2010

Time: Three Hours **Max. Marks: 70 Marks**

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY

Q.P. CODE: 1178 (RS3)

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAY

• Describe the Submandibular gland under the following headings:

a) Situation and coverings b) Surface and relation c) Nerve supply d) Applied Anatomy

• Describe the Larynx under the following headings:

a) Extent b) Parts c) Vocal Folds d) Nerve supply

SHORT ESSAY

• Digastric muscles.
• Development of Palate.
• Chorda tympani nerve.
• Microscopic anatomy of palatine tonsil.
• Yolk sac.
• Lateral Pterygoid muscle.
• Middle Meatus of Nose.
• Tympanic membrane.

SHORT ANSWERS

• Nerve supply of scalp.
• Foramen magnum.
• Ligaments of Mandible.
• Sex chromosomes.
• Structure of bone.

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