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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC-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

2 x 10 = 20 Marks

1. Describe Scalp under the following headings:
 - a) Extent
 - b) Layers
 - c) Blood supply
 - d) Nerve supply
 - e) Applied Anatomy
2. Describe Pituitary Gland under the following headings:
 - a) Situation
 - b) Relations
 - c) Development
 - d) Add a note on its microscopic structure.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Microscopic Anatomy of T/S of Compact Bone – explain with labeled diagram.
4. Ciliary Ganglion – situation, roots and branches
5. Buccinator muscle – attachment, nerve supply and action
6. Lingual Artery – origin, parts and branches
7. Movements of Temporomandibular Joint
8. Graffian Follicle
9. External Jugular Vein – formation, course, termination and tributaries
10. Interior of Larynx – extent, salient features and Nerve supply

SHORT ANSWERS

5 x 2 = 10 Marks

11. Inferior Meatus of Nose
12. Oblique Facial Cleft
13. Labeled diagram of histology of Thyroid Gland
14. Occipital Myotomes
15. Name any four Muscles attached to Hyoid Bone.



July-2018

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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

2 x 10 = 20 Marks

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

SHORT ESSAYS

8 x 5 = 40 Marks

3. Microscopic anatomy of Medium sized artery – explain with labeled diagram
4. Development of palate
5. Boundaries and contents of digastric triangle
6. Muscles of mastication – attachments and nerve supply
7. Interior of the larynx – extent and features in it
8. Lymphatic drainage of tongue
9. Origin, course and branches of Lingual artery
10. Situation, roots and branches of Pterygo-palatine ganglion

SHORT ANSWERS

5 x 2 = 10 Marks

11. Structures passing through Internal acoustic meatus
12. Congenital anomalies of tongue
13. Name the parts of temporal bone.
14. Frontal air sinus
15. Applied anatomy of scalp



Aug - 20 7

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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - AUG - 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

2 x 10 = 20 Marks

1. Describe the Muscles of Mastication under:
 - a) Origin
 - b) Insertion
 - c) Nerve supply
 - d) Actions
 - e) Applied Anatomy
2. Describe the Parotid Gland under:
 - a) Coverings
 - b) Surfaces and relations
 - c) Parotid Duct
 - d) Applied Anatomy

SHORT ESSAYS

8 x 5 = 40 Marks

3. Histology of Lymph Node – explain with labeled diagram
4. Formation, blood supply and nerve supply of Nasal Septum
5. Development of Tongue and its anomalies
6. Constrictors of Pharynx – attachments and structures passing between them
7. Blood supply and Nerve supply of Scalp
8. Boundaries, contents and applied aspects of Sub occipital Triangle
9. Carotid Sheath and Contents
10. Relations and Blood supply of Thyroid Gland

SHORT ANSWERS

5 x 2 = 10 Marks

11. Sub Mandibular Duct
12. Tubo Tympanic Recess
13. Draw a labelled diagram of histology of Trachea.
14. Mention the branches of Third part of Maxillary Artery
15. Vocal Folds



Dec - 16

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II

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2016

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (Old Scheme)

Q.P. CODE: 1101

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 Mandibular Nerve under the following heads:
(a) Origin (b) Course (c) Branches (d) Applied aspect.
2. Describe the gross anatomy of Parotid Salivary Gland under the following heads:
(a) Shape, extent and location (b) Surfaces and Relations (c) Secretory Motor Nerve Supply
(d) Applied Anatomy.

SHORT ESSAYS

6 x 5 = 30 Marks

3. Development of the face
4. Histology of the Palatine Tonsil
5. Cartilages of the Larynx
6. Down's syndrome
7. Maxillary Air Sinus
8. Orbicularis Oculi

SHORT ANSWERS

10 x 2 = 20 Marks

9. Name any two muscles of the soft palate.
10. Name the muscles enclosed by the general investing layer of deep cervical fascia.
11. Histology of transverse section of Bone-diagram only.
12. Name the parts of the Hyoid bone.
13. Name any two nerves in the posterior triangle.
14. Name any two branches of the facial nerve.
15. Name any two branches of the maxillary artery.
16. Name any two structures opening into the middle meatus of the Nasal cavity.
17. Name any two muscles of the Tongue.
18. Name the cells present in the thyroid gland.



Dec-16



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2016

Time: Three Hours

Max. Marks: 100 Marks

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

Q.P. CODE: 1151

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 Pharynx under:
 - a) Extent and parts
 - b) Internal features
 - c) Applied Anatomy
2. Describe the Extraocular Muscles under:
 - a) Attachments
 - b) Nerve supply
 - c) Actions
 - d) Applied Anatomy

SHORT ESSAYS

10 x 5 = 50 Marks

3. Ciliary Ganglion – situation, roots and branches
4. Maxillary Artery – origin, parts and branches
5. Derivatives of Second Pharyngeal Arch
6. Histology of Serous Salivary Gland – explain with labeled diagram
7. External Jugular Vein – formation, extent and tributaries
8. Name the Infra Hyoid Muscles – action and nerve supply
9. Muscles attached to the Ramus of Mandible
10. Blastocyst
11. Tentorium Cerebelli
12. Nasal Septum – formation, blood supply and nerve supply

SHORT ANSWERS

10 x 3 = 30 Marks

13. Superior Sagittal Venous Sinus – situation, extent and termination
14. Labeled diagram of histology of White Fibro Cartilage
15. Muscles attached to Mastoid process
16. Hyoglossus Muscle – attachments, nerve supply and action
17. Contents of carotid sheath
18. Lacrimal Sac
19. Tributaries of Internal Jugular Vein
20. Development of Palate
21. Ligaments of Temporomandibular Joint
22. Chorda Tympani Nerve



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2016

Max. Marks: 70 Marks

Time: Three Hours

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

2 x 10 = 20 Marks

LONG ESSAYS

1. Describe Parotid Gland under the following headings:
 - a) Situation
 - b) Relations
 - c) Blood supply
 - d) Nerve supply
 - e) Applied Anatomy
2. Describe the Cavernous Sinus under the following headings:
 - a) Situation
 - b) Relations
 - c) Tributaries and Communications
 - d) Applied Anatomy

8 x 5 = 40 Marks

SHORT ESSAYS

3. Histology of Lymph Node – explain with neat labeled diagram
4. Development of Tongue
5. Superior constrictor of Pharynx
6. Movements of Temporomandibular Joint
7. Boundaries and contents of Digastric Triangle
8. Facial Artery – origin, branches and termination
9. Ciliary Ganglion – locations, roots and branches
10. Nasal Septum – formation, blood supply, nerve supply and applied aspects

SHORT ANSWERS

5 x 2 = 10 Marks

11. Derivatives of First Pharyngeal Arch
12. Waldeyer's Lymphatic Ring
13. Transitional Epithelium
14. Structures passing through Foramen Ovale
15. Nerve supply of Larynx



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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination – JULY 2015

Max. Marks: 70 Marks

Time: Three Hours

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 Muscles of Tongue under:
 - a) Origin
 - b) Insertion
 - c) Nerve supply
 - d) Actions
 - e) Applied Anatomy
2. Describe the Sub Mandibular Gland under:
 - a) Parts and Relations
 - b) Nerve supply
 - c) Duct
 - d) Applied Anatomy

SHORT ESSAYS

8 x 5 = 40 Marks

3. Histology of Compact Bone – explain with labeled diagram
4. Boundaries and structures related to Nasopharynx
5. Development of Palate and its anomalies
6. Describe the origin, insertion and nerve supply of Extra Ocular Muscles
7. Vertebral Artery
8. Thyroid Cartilage
9. Tympanic Membrane
10. Inferior Alveolar Nerve

SHORT ANSWERS

5 x 2 = 10 Marks

11. Frontal Nerve
12. Epicranial Aponeurosis
13. Draw a labeled diagram of histology of Pancreas.
14. Boundaries and applied aspects of Piriform Fossa
15. Blood supply of Thyroid Gland



June - 2014

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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June 2014

Max. Marks: 100 Marks

Time: Three Hours

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

Q.P. CODE: 1151

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 Thyroid Gland under the following headings:
 - a) Parts
 - b) Relations
 - c) Blood Supply
 - d) Applied Anatomy
2. Describe the Mandibular Nerve under the following headings:
 - a) Origin
 - b) Course and Relations
 - c) Branches and Distribution
 - d) Applied Anatomy

SHORT ESSAYS

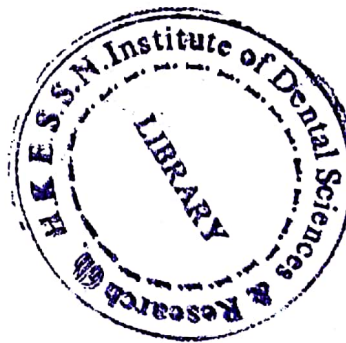
10 x 5 = 50 Marks

3. Histology of Skin
4. Development of Tongue
5. Investing layer of Deep Cervical Fascia
6. Lymphatic drainage of Face
7. Ansa Cervicalis
8. Occipito Frontalis Muscle
9. Maxillary Air Sinus
10. Ciliary Ganglion
11. Oogenesis
12. Atlanto-Occipital Joints

SHORT ANSWERS

10 x 3 = 30 Marks

13. Histology of Skeletal Muscle
14. Tributaries of Internal Jugular Vein
15. Attachments of Styloid Process
16. Derivatives of First Pharyngeal Arch
17. Submental Triangle
18. Buccinator Muscle
19. Nerve Supply to Muscles of Soft Palate
20. Branches of first part of Maxillary Artery
21. Nasolacrimal Duct
22. Histology of Serous Salivary Gland



June - 2014

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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

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LONG ESSAYS

2 x 10 = 20 Marks

1. Describe the Posterior Triangle of Neck under the following headings:
 - a) Boundaries
 - b) Subdivisions
 - c) Contents in detail
 - d) Applied aspects
2. 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

8 x 5 = 40 Marks

3. Pterygo Palatine Ganglion
4. Mylohyoid Muscle
5. Midline structures in the Neck
6. Sensory and Motor Nerve supply of Scalp
7. Derivatives of 2nd Pharyngeal Arch
8. Histology of Transverse section of Bone
9. Structure passing through Foramen Magnum
10. Ansa Cervicalis

SHORT ANSWERS

5 x 2 = 10 Marks

11. Development of Tympanic Membrane
12. Histology of Skeletal Muscle – neat labeled diagram only
13. Name the Arteries supplying Pituitary Gland.
14. Name the Muscles supplied by Spinal Accessory Nerve.
15. Formation and termination of Internal Jugular Vein



QP Code: 1151

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

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the tongue under the following headings:
a) Parts b) Intrinsic and Extrinsic muscles c) Relations d) Nerve supply e) Development
2. Describe the maxillary air sinus under the following headings:
a) Location and size b) Relations c) Arterial supply d) Lymphatic drainage e) Development f) Applied Anatomy

SHORT ESSAY

10 X 5 = 50 Marks

3. Microscopic anatomy of cardiac muscle
4. Vocal cord
5. Development of face
6. Foramen magnum-structures passing through
7. Ansa cervicalis- situation formation and distribution
8. Superior constrictor of pharynx
9. Extra ocular muscles of orbit
10. Cartilage of second pharyngeal arch
11. Lingual artery
12. Yolk sac

SHORT ANSWERS

10 X 3 = 30 Marks

13. Buccopharyngeal fascia
14. Derivatives of third pharyngeal arch
15. Buccal branch of facial nerve
16. Thyrohyoid membrane- structures piercing it
17. Hiatus semilunaris
18. Parotid lymph nodes
19. Tributaries of internal jugular vein
20. Meckel's cave
21. Sigmoid sinus
22. Typical cervical vertebra



Dec - 2013

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - Dec 2013

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Max. Marks: 70 Marks

Time: Three Hours

HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY (RS3)

Q.P. CODE: 1178

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 temporomandibular joint under (a) bones involved, (b) ligaments, (c) movements and muscles causing them, (d) nerve supply, (e) applied aspects.
2. Describe the gross anatomy of thyroid gland under (a) parts, (b) relations, (c) blood supply, (d) applied aspects.

SHORT ESSAYS

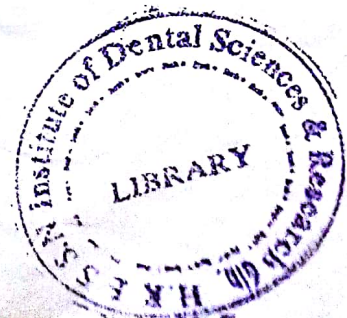
8 x 5 = 40 Marks

3. Histology of skin
4. Development of face and facial anomalies
5. Lateral wall of nasal cavity
6. Muscles of larynx
7. Sensory supply of face
8. Carotid triangle
9. Investing layer of deep cervical fascia
10. Midline structures of neck

SHORT ANSWERS

5 x 2 = 10 Marks

11. Derivatives of second pharyngeal arch
12. Blood supply of palatine tonsil
13. Labeled diagram of histology of hyaline cartilage
14. Branches of the first part of maxillary artery
15. Muscles attached to Styloid process



June 2013

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Rajiv Gandhi University of Health Sciences

I B.D.S Degree Examination – June 2013

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Time: 3 Hrs.

[Max. Marks : 70]

HUMAN ANATOMY INCLUDING EMBRYOLOGY OSTEOLOGY & HISTOLOGY

(RS3)

QP Code: 1178

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

LONG ESSAY

1. Enumerate the dural venous sinuses and explain the cavernous sinus.
2. Describe the palatine tonsil under the following headings.
a) Situation b) Parts c) Relations d) Applied anatomy.

2 X 10 = 20 Marks

(4+6)

(2+2+3+3)

SHORT ESSAY

3. Histology of the Lymph node.
4. Rima Glottidis.
5. Somites
6. Otic ganglion
7. Development of palate.
8. Histology of thyroid gland (diagram & salient features)
9. Hyoglossus muscle and its relations
10. Maxillary air sinus

8 X 5 = 40 Marks

SHORT Specific ANSWERS

11. Pretracheal fascia.
12. Branches of facial artery on face
13. Tympanic membrane.
14. Name Extra ocular muscles of the eye ball
15. Name Bones forming the nasal septum

5 X 2 = 10 Marks

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Dec. - 17

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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC - 2017

Max. Marks: 70 Marks

Time: Three Hours

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 interior of Larynx under:
 - a) Boundaries of laryngeal inlet and salient features
 - b) Blood supply
 - c) Nerve supply
 - d) Applied Anatomy
2. Describe the boundaries and contents of Carotid Triangle of Neck.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Histology of Skeletal Muscle – explain with neat labeled diagram.
4. Explain Maxillary Air Sinus in detail.
5. Development of Face and its anomalies
6. Name the layers of Deep Cervical Fascia. Explain formation, extent and contents of Carotid sheath.
7. Ciliary Ganglion – situation, roots and branches
8. Muscles and nerve supply of Soft Palate
9. Parts and branches of Maxillary Artery
10. Auditory tube

SHORT ANSWERS

5 x 2 = 10 Marks

11. Extra Cranial branches of Facial Nerve
12. Blood supply of Palatine Tonsil
13. Draw a labeled histology diagram of Lung.
14. Derivatives of Third Pharyngeal Arch
15. Parotid Duct



Dec - 2015

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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June 2016

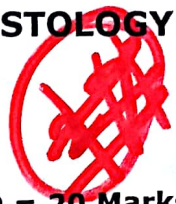
Max. Marks: 70 Marks

Time: Three Hours

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



2 x 10 = 20 Marks

LONG ESSAYS

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

8 x 5 = 40 Marks

SHORT ESSAYS

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



Dec - 2015

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Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DECEMBER 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

2 x 10 = 20 Marks

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



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

I B.D.S Degree Examination – June / July 2012

19

Time: 3 Hrs.

[Max. Marks: 100]

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

QP Code: 1151

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

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the tongue under following headings:
a) Gross features (b) Classify and enumerate the muscles (c) Nerve supply (d) development and anomalies
2. Describe the extra -ocular muscles under the following:
a) Origin (b) Insertion (c) Nerve supply (d) Action (e) Applied aspects

SHORT ESSAY

10 X 5 = 50 Marks

3. Lateral pterygoid muscle. Origin, insertion, and relations
4. Histology of lymph node
5. Otic ganglion
6. Cavity of larynx
7. Spermatogenesis
8. Boundaries and contents of sub - occipital triangle
9. Nasal septum formation and nerve supply
10. Atlanto occipital joint
11. Sterno - cleido mastoid muscle
12. Tympanic membrane

SHORT ANSWERS

10 X 3 = 30 Marks

13. Derivatives of III & IV endodermal pouches
14. Pterion
15. Nerve supply of anterior Quadrant of scalp
16. Parotid duct
17. Draw a neat labeled diagram of longitudinal section of skeletal muscle
18. Pyriform fossa
19. Branches of facial artery in the neck
20. Jugular foramen-structures passing through
21. Enumerate structures passing through sinus of Morgagni
22. Auditory tube-parts and relations.

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Time: 3 Hrs.

Rajiv Gandhi University of Health Sciences
I B.D.S Degree Examination – June / July 2012

[Max. Marks : 70]

HUMAN ANATOMY INCLUDING EMBRYOLOGY OSTEOLOGY & HISTOLOGY

(RS3)

QP Code: 1178

1178_2012_2_S229

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

LONG ESSAY

1. Describe the Temporo-mandibular joint under the following headings

a) Bones articulating b) Ligaments c) Articular disc d) Blood supply e) Movements and muscles.
(2+2+2+2+2)

2 X 10 = 20 Marks

Describe the Scalp under the following headings.
a) Extent b) Layers c) Nerve supply d) Blood supply

e) Lymphatic Drainage
(2+2+2+2+2)

8 X 5 = 40 Marks

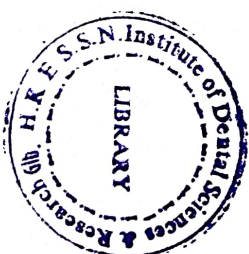
SHORT ESSAY

3. Buccinator
4. Carotid sheath
5. Maxillary Sinus
6. Fertilization and its effects
7. Histology of tongue (diagram and salient features)
8. Development of face and anomalies
9. Middle meatus of the lateral wall of The nose
10. Retromandibular Vein

SHORT ANSWERS

11. Cleft palate
12. Histology of thyroid gland (draw and label)
13. Mylohyoid muscle
14. Branches of facial artery in the neck
15. Skeletal Derivatives of II Pharyngeal Arch

5 X 2 = 10 Marks



Rajiv Gandhi University of Health Sciences

I B.D.S Degree Examination – June / July 2012

Time: 3 Hrs.

[Max. Marks: 100]

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

QP Code: 1151

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

LONG ESSAY

2 X 10 = 20 Marks

- Describe the tongue under following headings:
a) Gross features (b) Classify and enumerate the muscles (c) Nerve supply (d) development and anomalies
- Describe the extra-ocular muscles under the following:
a) Origin (b) Insertion (c) Nerve supply (d) Action (e) Applied aspects

SHORT ESSAY

10 X 5 = 50 Marks

- Lateral pterygoid muscle. Origin, insertion, and relations
- Histology of lymph node
- Otic ganglion
- Cavity of larynx
- Spermatogenesis
- Boundaries and contents of sub – occipital triangle
- Nasal septum formation and nerve supply
- Atlanto occipital joint
- Sterno – cleido mastoid muscle
- Tympanic membrane

SHORT ANSWERS

10 X 3 = 30 Marks

- Derivatives of III & IV endodermal pouches
- Pterion
- Nerve supply of anterior Quadrant of scalp
- Parotid duct
- Draw a neat labeled diagram of longitudinal section of skeletal muscle
- Pyramidal fossa
- Branches of facial artery in the neck
- Jugular foramen-structures passing through
- Enumerate structures passing through sinus of Morgagni
- Auditory tube-parts and relations.



(13)

BDS - June - 2012 *(12)*

Rajiv Gandhi University of Health Sciences

1178_2012_2_S229
I.B.D.S Degree Examination – June / July 2012

Time: 3 Hrs.

[Max. Marks : 70]

HUMAN ANATOMY INCLUDING EMBRYOLOGY OSTEOLOGY & HISTOLOGY

(RS3)

QP Code: 1178

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

LONG ESSAY

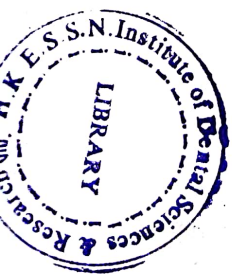
2 X 10 = 20 Marks

1. Describe the Temporo-mandibular joint under the following headings
a) Bones articulating b) Ligaments c) Articular disc d) Blood supply e) Movements and muscles.
(2+2+2+2+2)
 2. Describe the Scalp under the following headings.
a) Extent b) Layers c) Nerve supply d) Blood supply e) Lymphatic Drainage
(2+2+2+2+2)
- SHORT ESSAY**
3. Buccinator
 4. Carotid sheath
 5. Maxillary Sinus
 6. Fertilization and its effects
 7. Histology of tongue (diagram and salient features)
 8. Development of face and anomalies
 9. Middle meatus of the lateral wall of The nose
 10. Retromandibular Vein
- 8 X 5 = 40 Marks**

SHORT ANSWERS

5 X 2 = 10 Marks

11. Cleft palate
12. Histology of thyroid gland (draw and label)
13. Mylohyoid muscle
14. Branches of facial artery in the neck
15. Skeletal Derivatives of II Pharyngeal Arch



BDS - Dec - 2012

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I B.D.S Degree Examination - Dec 2012

Time: 3 Hrs.

[Max. Marks : 70]

HUMAN ANATOMY INCLUDING EMBRYOLOGY OSTEOLOGY & HISTOLOGY

(RS3)

QP Code: 1178

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

2 X 10 = 20 Marks

(1+2+2+2+3)

(2+2+2+2+2)

SHORT ESSAY

3. Ciliary ganglion

4. Hyoglossus muscle.

5. First part of Maxillary Artery

6. Microscopic Anatomy of Palatine Tonsil.

7. Nasal septum

8. Vessels

9. Carotid sheath

Buccinator muscle

8 X 5 = 40 Marks

SHORT SPECIFICS ANSWERS

11. Stylomandibular ligament.

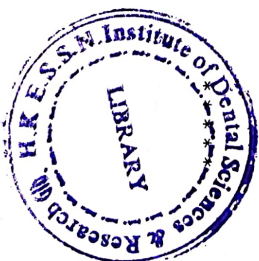
12. Dangerous area of Scalp.

13. Muscle and Nerve of Third Pharyngeal Arch

14. Straight Sinus

15. Cleft Lip

5 X 2 = 10 Marks



Rajiv Gandhi University of Health Sciences

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I B.D.S Degree Examination - Dec 2012

Time: 3 Hrs.

[Max. Marks : 100]

HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

QP Code: 1151

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

LONG ESSAY

2 X 10 = 20 Marks

- Describe the posterior triangle of neck under the following headings:
a) Boundaries b) Roof and Floor c) Divisions d) Contents e) Applied Anatomy
- Describe the maxillary artery under the following headings:
a) Origin & parts b) Course and relation c) Branches d) Distribution

SHORT ESSAY

10 X 5 = 50 Marks

- Extraocular muscles-attachments action and nerve supply
- Vocal folds
- Histology of thyroid gland
- Fertilization
- Buccinator muscle
- External carotid artery
- Transverse venous sinus
- Development of tongue
- Sternocleidomastoid muscle
- Submandibular salivary gland

SHORT ANSWERS

10 X 3 = 30 Marks

- Stylohyoid ligament
- Development of pituitary gland
- Derivatives of ectoderm
- Relations of Temporomandibular joint
- Nerve supply of scalp
- Atlanto occipital joint
- External jugular vein
- Histology of white fibro cartilage
- Mastoid process
- Frontal air sinus