

FIRST YEAR B.D.S. DEGREE EXAM
PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the oculomotor nerve under the following heading:
a) Nuclei and functional components b) Course and relations
c) Branches d) Applied aspects.
2. Thyroid gland under the following headings – Structure and Position, Relations, Blood supply, Histology and add a note on its Surgical Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Buccinator.
2. Inferior Alveolar Nerve.
3. Cavernous sinus.
4. Otic ganglion.
5. Floor of IV ventricle.
6. II pharyngeal arch.
7. Vertebral Artery.
8. Vocal cords.
9. Dural folding.
10. Middle meatus of nose.

FIRST YEAR B.D.S. DEGREE EXAM
PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY

Q.P Code: 544201

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Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Sub-mandibular gland under the following headings
 - a) Structure and Position
 - b) Relations
 - c) Secretomotor pathway
 - d) Histology
 - e) Applied Anatomy.
2. Temporo-Mandibular Joint – Bones involved in the joints, Ligaments, Relations, Movements and muscles involved and add a note on its applied anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Torticollis.
2. Dangerous area of face.
3. Circle of Willis.
4. Maxillary air Sinus.
5. Development of palate.
6. Palatine Tonsil.
7. Styloid process and structures attached to it.
8. Cavernous sinus.
9. Interpeduncular fossa.
10. Lingual nerve.

FIRST YEAR B.D.S. DEGREE EXAM
PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the internal carotid artery under the following headings
 - Parts
 - Course
 - Branches
 - Relations
 - Applied anatomy
2. Describe the following about the mandibular division of trigeminal nerve
 - Functional component
 - Cranial nerve nuclei
 - Course
 - Branches
 - Communications
 - Applied anatomy

II. Write Notes on:

(10 x 5 = 50)

1. Derivatives of first pharyngeal arch.
2. Hyoglossus muscle.
3. Histology of sensory ganglion.
4. Cavity of larynx.
5. Maxillary air sinus.
6. Parotid duct.
7. Superior orbital fissure.
8. Suboccipital triangle.
9. Auditory tube.
10. Lacrimal apparatus.

**FIRST YEAR B.D.S. DEGREE EXAM
PAPER I – GENERAL ANATOMY INCLUDING
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Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe Larynx under the following headings:
 - Cartilages
 - Muscles
 - Sub divisions of interior of Larynx
 - Nerve supply
 - Applied Anatomy
2. Describe the posterior triangle with the following sub-headings:
 - Boundaries
 - Subdivisions
 - Roof
 - Floor
 - Contents
 - Applied anatomy

II. Write Notes on:

(10 x 5 = 50)

1. Parotid duct.
2. Nerve supply of tongue.
3. Waldeyer's ring.
4. Features of lateral wall of nose.
5. Functional areas of cerebrum.
6. Function of muscles of larynx.
7. Histology of retina.
8. Derivatives of pharyngeal pouches.
9. External carotid artery.
10. Submandibular ganglion.

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on: **(2 x 10 = 20)**

1. Describe the parts, blood supply relations and development of pituitary gland.
2. Describe the origin, insertion, nerve supply and actions of muscles of mastication.

II. Write Notes on: **(10 x 5 = 50)**

1. Ophthalmic artery.
2. Auriculo Temporal nerve.
3. Buccinator muscle.
4. Sub Arachnoid cisterns.
5. Histology of Palatine tonsil.
6. External jugular vein.
7. Lymphatic drainage of tongue.
8. Carotid sheath.
9. Articular disc of temporomandibular joint.
10. Styloid Apparatus.

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Mention the classification of Dural Venous Sinuses. Describe the Cavernous Sinus in detail, under the following sub headings
 - Relations
 - Communications
 - Applied Anatomy
2. Name the muscles that bring out movements of Eye Ball. Give their origin, insertion, nerve supply and action.

II. Write Notes on:

(10 x 5 = 50)

1. Draw diagrams for muscles attached over mandible.
2. Ciliary ganglion.
3. Submandibular duct.
4. Floor of fourth ventricle.
5. Development of Tongue.
6. Nasopharynx.
7. Histology of serous salivary gland.
8. Somites.
9. Middle meatus of nose.
10. Auditory Tube.

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe about the submandibular salivary gland, its relations and secretomotor pathway.
2. Describe the following about the maxillary division of trigeminal nerve
 - Functional component
 - Cranial nerve nuclei
 - Course and Branches
 - Relations
 - Applied Anatomy

II. Write Notes on:

(10 x 5 = 50)

1. Bell's palsy.
2. Development of Tooth
3. Maxillary Artery.
4. Blood supply of Scalp.
5. Inferior alveolar nerve.
6. Internal jugular vein.
7. Sub occipital triangle.
8. Lateral wall of the nasal cavity.
9. Membranous Bones.
10. Nerve and blood supply of larynx.

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P. Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on: **(2 x 10 = 20)**

1. Describe the features, relations and microscopic structure of Thyroid Gland.
2. Describe the boundaries and contents of Carotid Triangle.

II. Write Notes on: **(10 x 5 = 50)**

1. Nasal septum.
2. Facial artery.
3. Fertilization.
4. Killian's dehiscence.
5. Tenon's Capsule
6. Cervical sympathetic chain.
7. Internal capsule.
8. Lateral pterygoid muscle.
9. Waldeyer's Ring.
10. Histology of compact bone.

[BDS 0321]

**MARCH 2021
(AUGUST 2020 SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Cavernous Sinus under the following Headings.
 - Location
 - Relations
 - Tributaries
 - Communications
 - Applied anatomy
2. Describe the Parotid Gland under the following Headings.
 - Position and Relations
 - Nerve Supply
 - Histology
 - Applied Anatomy

II. Write Notes on:

(10 x 5 = 50)

1. Submandibular Ganglion.
2. Superior Orbital Fissure.
3. Histology of Retina.
4. Facial Artery.
5. Development of Palate.
6. Corpus Collosum.
7. Medial Wall of Middle Ear Cavity.
8. Blood and Nerve Supply of Nasal Septum.
9. Muscles of Soft Palate.
10. Submental Triangle.

[BDS 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on: (2 x 10 = 20)

1. Mention the Classification of Dural Venous Sinuses. Describe the Cavernous Sinus in detail, under the following Sub Headings.
 - Relations
 - Communications
 - Applied Anatomy
2. Narrate the Attachments, Nerve Supply and Actions of Intrinsic Muscles of Larynx.

II. Write Notes on: (10 x 5 = 50)

1. Draw Diagrams for Muscles Attached Over Mandible.
2. Ciliary Ganglion.
3. Submandibular Duct.
4. Floor of Fourth Ventricle.
5. Development of Tongue.
6. Nasopharynx.
7. Histology of Serous Salivary Gland.
8. External Carotid Artery.
9. Middle Meatus of Nose.
10. Waldeyer's Ring.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0322]

**MARCH 2022
(AUGUST 2021 SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004
to 2007-2008} and New Modified Regulation {Candidates admitted
from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Tongue under the following Headings:
 - General Features.
 - Development.
 - Blood and Nerve Supply.
2. Describe the Internal Carotid Artery under the following Headings:
 - Commencement.
 - Course and Relations.
 - Branches.
 - Applied Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Lateral Ventricle.
2. Lateral Pterygoid Muscle.
3. Classification of Cartilages of Larynx.
4. Histology of Pituitary.
5. Development of Face.
6. Extra Cranial Course of Facial Nerve.
7. Lymphatic Drainage of the Face.
8. Tenons Capsule.
9. Maxillary Air Sinus.
10. Tympanic Membrane.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0722]

**JULY 2022
(FEBRUARY 2022 SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Facial Nerve:
 - a) Nuclei and Functional components.
 - b) Course and Relations.
 - c) Branches and Distribution.
 - d) Applied Anatomy.
2. Describe Tongue under the following:
 - a) External features.
 - b) Muscles.
 - c) Nerve supply.
 - d) Applied Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Synovial Joint.
2. Middle Meningeal Artery.
3. Cavity of Larynx.
4. Palatine Tonsil.
5. Superior Orbital Fissure.
6. Oesophagus.
7. Styloid Apparatus.
8. Corpus Callosum.
9. Development of Face.
10. Histology of Mucous Salivary Gland.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1222]

**DECEMBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Temporo- Mandibular joint:
 - a) Articular surfaces
 - b) Ligaments.
 - c) Movements.
 - d) Muscles producing movement.
2. Describe the submandibular gland:
 - a) Surfaces and relation
 - b) Submandibular duct.
 - c) Secreto-motor pathway
 - d) Applied Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Orbicularis oculi.
2. Maxillary artery.
3. Inferior alveolar nerve.
4. Medial wall of middle ear.
5. Nasal septum.
6. Extrinsic muscles of tongue.
7. Histology of thyroid gland.
8. First pharyngeal arch.
9. Lateral sulcus of cerebrum.
10. Internal jugular vein.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0323]

**MARCH 2023
(SEPTEMBER 2022 EXAM SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAM

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Mandibular nerve:
 - a) Course and Relations.
 - b) Branches and Distribution.
 - c) Applied Anatomy.
2. Describe the External Carotid artery under the following headings:
 - a) Origin.
 - b) Course and Relations.
 - c) Branches.

II. Write Notes on:

(10 x 5 = 50)

1. Types of Bone with example.
2. Constrictor muscles of pharynx and write the structure passing in between.
3. Circle of Willis.
4. Tentorium cerebelli.
5. Nerve supply of scalp.
6. Soft palate.
7. Dangerous area of face.
8. Histology of Hyaline cartilage.
9. Derivatives of pharyngeal arches.
10. Digastric triangle.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1023]

**OCTOBER 2023
(AUGUST 2023 EXAM SESSION)**

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAMINATION

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Cavernous sinuses:
 - a) Structures passing through the sinus
 - b) Relations
 - c) Tributaries
 - d) Communications.
2. Describe the Parotid gland:
 - a) Coverings
 - b) Presenting parts
 - c) Parotid duct
 - d) Secreto-motor supply.

II. Write Notes on:

(10 x 5 = 50)

1. Extra ocular muscles.
2. Facial artery.
3. Mandibular nerve.
4. External jugular vein.
5. Pterygopalatine fossa.
6. Safety muscle of larynx.
7. Histology of Circumvallate papillae.
8. Second pharyngeal arch.
9. Circle of Willis.
10. Carotid sheath.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1223]

DECEMBER 2023

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAMINATION

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: 180 Minutes

Maximum: 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Extraocular muscles under the following headings:
 - a) Name the Extraocular muscles
 - b) Origin and insertion.
 - c) Movement.
 - d) Nerve supply and Applied Anatomy.
2. Describe the Para-nasal sinuses under the following headings:
 - a) Functions
 - b) Relations
 - c) in detail about Maxillary sinuses
 - d) Applied aspects.

II. Write Notes on:

(10 x 5 = 50)

1. Movements of Temporo-Mandibular joint.
2. Lingual artery.
3. Muscles of soft palate.
4. Digastric triangle.
5. Superior orbital fissure.
6. Infra hyoid muscles.
7. Histology of Tongue.
8. Development of Face.
9. Modifications of pia mater of spinal cord.
10. Tentorium cerebelli.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0624]

JUNE 2024

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAMINATION

New Modified Revised Regulation (August 2016 Examination Session onwards)

**[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

Answer All Questions in the same order

Draw suitable diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Trigeminal Nerve under the following headings:
 - a) Origin
 - b) Course
 - c) Branches
 - d) Applied aspects.
2. Describe the Tongue under the following headings:
 - a) External features
 - b) Muscles
 - c) Innervation
 - d) Applied aspects.

II. Write Notes on:

(10 x 5 = 50)

1. Otic ganglion.
2. Maxillary artery.
3. Sub occipital triangle.
4. Investing layer of deep cervical fascia.
5. Nasal septum.
6. Inferior constrictor of Pharynx.
7. Histology of thyroid gland.
8. First pharyngeal arch.
9. Corpus callosum.
10. Jugular Foramen.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0824]

AUGUST 2024

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAMINATION

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004 to 2007-2008}
and New Modified Regulation {Candidates admitted from 2008 – 2009 onwards}]**

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

**Answer All Questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Describe the origin, insertion, nerve supply and actions of muscles of mastication.
2. Describe the boundaries and contents of Carotid Triangle.

II. Write Notes on:

(10 x 5 = 50)

1. Sternocleidomastoid.
2. Features of lateral wall of nose.
3. Killian's dehiscence.
4. Cavity of larynx.
5. Pterygopalatine ganglion.
6. Blood supply of thyroid gland.
7. Derivatives of pharyngeal pouches.
8. Histology of cornea.
9. Cavernous sinus.
10. Facial artery.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1224]

DECEMBER 2024

Sub. Code: 4201

FIRST YEAR B.D.S. DEGREE EXAMINATION
New Modified Revised Regulation (August 2016 Examination Session onwards)

PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

Answer All Questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Describe the Pharynx under the following headings:
 - a) Sub divisions
 - b) Muscles
 - c) Nerve supply
 - d) Action
 - e) Applied Anatomy.
2. Describe the Parotid Gland under the following headings:
 - a) External features
 - b) Relations
 - c) Parotid duct.
 - d) Secretomotor pathway
 - e) Applied Anatomy.

II. Write Notes on: **(10 x 5 = 50)**

1. Third part of Maxillary artery.
2. Internal jugular vein.
3. Dangerous layer of scalp.
4. Falx cerebri.
5. Development of palate.
6. Ligaments of temporomandibular joint.
7. Lacrimal apparatus.
8. Nerve supply of Tongue.
9. Histology of thyroid gland.
10. Mastoid air sinus.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0225]

FEBRUARY 2025

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION

**New Modified Revised Regulation (August 2016 Examination Session onwards)
and New Modified Regulation {Candidates admitted from 2008-2009 onwards}**

FIRST YEAR

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

**Answer All Questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Pharynx under the following headings:
 - a) Extent and Subdivisions
 - b) Muscles of Pharynx
 - b) Innervation
 - d) Applied aspects.
2. Describe the Submandibular gland under the following headings:
 - a) External features
 - b) Relations
 - c) Secretomotor pathway
 - d) Applied aspects.

II. Write Notes on:

(10 x 5 = 50)

1. Layers of Scalp.
2. Circle of Wills.
3. Histology of Pituitary gland.
4. Tympanic membrane.
5. Internal Jugular vein.
6. Buccinator.
7. Lacrimal apparatus.
8. Development of Palate.
9. Synovial joint.
10. Ciliary ganglion.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0625]

JUNE 2025

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION
New Modified Revised Regulation (August 2016 Examination Session onwards)

FIRST YEAR

PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

Answer All Questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Describe the Origin, Insertion, Nerve supply and Actions of Muscles of Mastication.
2. Describe External Carotid Artery under the following headings:
a) Origin and termination b) Branches c) Relations d) Applied aspects.

II. Write Notes on: **(10 x 5 = 50)**

1. Fertilization.
2. Waldeyer's ring.
3. Histology of Bone.
4. Bell's palsy.
5. Contents of Middle ear.
6. Posterior triangle.
7. Styloid apparatus.
8. Inferior Alveolar nerve.
9. Floor of Fourth Ventricle.
10. Nasal septum.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BDS 0825]

AUGUST 2025

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION

**New Modified Revised Regulation (August 2016 Examination Session onwards)
and New Modified Regulation {Candidates admitted from 2008-2009 onwards}**

FIRST YEAR

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

**Answer All Questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Describe Facial Nerve under the following headings:
 - a) Nuclei and Functional components
 - b) Course and Relations
 - b) Branches and Distribution
 - d) Applied aspects.
2. Describe Tongue under the following headings:
 - a) External features
 - b) Muscles
 - c) Lymphatic drainage
 - d) Nerve supply
 - d) Applied aspects.

II. Write Notes on:

(10 x 5 = 50)

1. Interpeduncular fossa.
2. Sternocleidomastoid.
3. Development of Tooth.
4. Lateral wall of nose.
5. Histology of Serous salivary gland.
6. Falx cerebri.
7. External Jugular Vein.
8. Submental triangle.
9. Pyriform fossa.
10. Vertebral artery.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BDS 1225]

DECEMBER 2025

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION

New Modified Revised Regulation (August 2016 Examination Session onwards)

Candidates admitted for the Academic Year 2022-2023 Batch only

FIRST YEAR

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

Answer All Questions in the same order

Draw suitable diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Oculomotor nerve under the following headings:
a) Nuclei b) Functional components c) Course and relations
d) Branches e) Applied aspects.
2. Describe subdivisions and boundaries of triangles of neck and write about digastric triangle in detail.

II. Write Notes on:

(10 x 5 = 50)

1. Relations of thyroid gland.
2. Cartilages of larynx.
3. Muscles of tongue.
4. Constrictors of pharynx.
5. Histology of mucous salivary gland.
6. Palatine tonsil.
7. Derivatives of mandibular arch.
8. External jugular vein.
9. Orbicularis oculi.
10. Otic ganglion.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BDS 0226]

FEBRUARY 2026

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION

**{New Modified Revised Regulation (August 2016 Examination Session onwards)
And New Modified Regulation (Candidates admitted from 2008-2009 onwards)}**

FIRST YEAR

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P Code: 544201

Time: Three Hours

Maximum: 70 Marks

**Answer All Questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Describe the Muscles of Mastication under the following headings:
a) Origin b) Insertion c) Nerve supply d) Action.
2. Describe the Facial Nerve under the following headings:
a) Origin b) Course c) Branches d) Applied aspects.

II. Write Notes on:

(10 x 5 = 50)

1. Submandibular duct.
2. Blood supply of Thyroid gland.
3. Cartilages of larynx.
4. Oral diaphragm.
5. Inter – peduncular fossa.
6. Histology of Mixed Salivary Gland.
7. Development of Tongue.
8. Tegmen tympani.
9. Deep cervical Lymph nodes.
10. Tonsil.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0626]

JUNE 2026

Sub. Code: 4201

B.D.S. DEGREE EXAMINATION

New Modified Revised Regulation (August 2016 Examination Session onwards)

Candidates admitted for the Academic Year 2022-2023 Batch only

FIRST YEAR

**PAPER I – GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Q.P. Code: 544201

Time: Three hours

Maximum: 70 Marks

**Answer All Questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Describe Carotid triangle under the following headings:
 - a) Boundaries
 - b) Contents with relations
 - c) Applied anatomy
2. Describe in detail Intra cranial Dural Venous Sinuses, Its Classification, location, its communications, Tributaries and Mention cavernous sinuses in detail with lateral wall relations.

II. Write notes on:

(10x 5 = 50)

1. Inferior alveolar nerve.
2. Relations of Thyroid Gland.
3. Lateral Pterygoid.
4. Extraocular muscles.
5. Histology of Palatine tonsil.
6. External carotid artery.
7. Spinal cord external features.
8. Cavity of Larynx.
9. Second Pharyngeal arch.
10. Middle ear contents.
