

M.B.B.S. DEGREE EXAMINATION – NOVEMBER, 2014  
 FIRST M.B.B.S. EXAMINATION  
 ANATOMY  
 PAPER-I

Time : 2 ½ Hours

Max. Marks : 50

Note: Answer all questions

Illustrate your answers with suitable diagrams

- 1) Describe the Axillary artery under the following headings 2+4+2+2=10
- A) Course
  - B) Relations
  - C) Branches
  - D) Applied aspects
- 2) Describe the internal capsule under the following heads 1+2+3+2+2=10
- A) Parts
  - B) Relations
  - C) Fiber components
  - D) Arterial supply
  - E) Applied anatomy

WRITE SHORT NOTES ON:

5x4=20

- 3) Tentorium cerebelli
- 4) Anatomical snuff box
- 5) Visual cortex
- 6) Histology of skeletal muscle
- 7) Development of the tongue

WRITE BRIEFLY ON:

5x2=10

- 8) Piriform recess
- 9) Formation and distribution of ansa cervicalis
- 10) List the branches of medial cord of brachial plexus
- 11) Name the muscles forming rotator cuff
- 12) Name any four Carpal Bones

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**501-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2013-ANATOMY-PAPER-I**

Time : 2 ½ Hrs-Max. Marks : 50-Answer all questions-Illustrate your answers with suitable diagrams

- 1..Classify white matter of cerebrum. Write in detail about corpus callosum=3+7=10m
2. Describe the ulnar nerve under the following headings=2+3+3+2=10m
  - a) Course
  - b) Relations
  - c) Branches
  - d) Applied anatomy

WRITE SHORT NOTES ON: 5 x 4=20m

3. Ligamentum denticulatum
4. Maxillary Air Sinus
5. Development of Hypophysis Cerebri
6. Microscopic Anatomy of Hyaline Cartilage
7. Nasopharynx

WRITE BRIEFLY ON: 5 x 2=10m

8. Chorion
9. Artery of cerebral Hemorrhage
10. Prochordal plate
11. Actions of Thenar muscles
12. Corpora Quadrigemina

**501-A-FIRST M.B.B.S. DEG. EXAMINATION – NOVEMBER, 2012-ANATOMY-PAPER-I**

- 1..Describe the tongue under following headings: 3+3+2+2=10m
  - a) Surface features
  - b) Musculature
  - c) Nerve Supply
  - d) Development
2. Describe Brachial plexus under the following headings: 2+3+2+3=10m
  - a) Formation
  - b) Relations
  - c) Branches
  - d) Applied anatomy

Write Short Notes On: 5 x 4 =20m

3. Supinators of Forearm
4. Notochord
5. Draw a section of spinal cord and label the internal structures.
6. Microscopic appearance of thin skin
7. Lacrimal apparatus

Write Briefly On: 5 x 2 =10m

8. Action of Lumbricals
9. Winging of Scapula
10. Insula
11. Arcuate Nuclei
12. Rotator Cuff

**501-A-FIRST MBBS. DEG. EXAMINATION – JULY, 2012-ANATOMY-PAPER-I**

- 1..Describe the extra ocular muscles under the following headings=3+3+2+2=10m
  - (a) Origin
  - (b) Insertion
  - (c) Nerve supply
  - (d) action
- 2..Write about the gross anatomy, lymphatic drainage and applied aspects of mammary gland=4+3+3=10m

Write Short Notes On: 5 x 4=20m

- 3..Inferior horn of lateral ventricle
4. Decidua
5. First pharyngeal arch
6. Microscopic appearance of muscular artery
7. Fornix

Write Briefly On: 5 x 2=10m

8. Axillary Sheath
9. Middle radio-ulnar joint
10. Little's area
11. Foramen caecum
12. Filum terminale

**501-A-FIRST M.B.B.S. DEGREE EXAMINATION – JANUARY, 2012-ANATOMY-PAPER-I**

- 1..Describe thyroid gland under the following headings:
  - (a) Gross features
  - (b) Relations
  - (c) Blood supply
  - (d) Applied aspects=3+2+3+2=10m
- 2..Describe the course, relations, branches and applied anatomy of ulnar nerve=2+3+3+2=10m

Write Short Notes On: 5 x 4 =20m

- 3..Flexor retinaculum of hand.
4. Lateral ventricle
5. Development of Tongue and its nerve supply
6. Histology of lymph node
7. Supinator muscle

Write Briefly On: 5 x 2 =8. Boundaries of cubital fossa. 9. Parotid duct 10. Cauda equina.

11. Formation and termination of superficial palmar arch
12. Branches of radial nerve in the radial groove.

**501-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2011-ANATOMY-PAPER-I**

- 1..Describe axillary artery under the following heading:
  - (a) Course
  - (b) Relations
  - (c) Branches
  - (d) Applied anatomy =2+4+2+2=10m
- 2..Name the muscles of mastication. Give the
  - (a) Origin
  - (b) Insertion
  - (c) Nerve supply
  - (d) Actions
  - (e) Relations of – Lateral Pterygoid Muscle=2+2+12+3=10m

Write Short Notes On: 5 x 4 =20m

- 3..Nasal Septum
- 4..Histology of Palatine Tonsil
- 5..Mesodermal derivatives of II Branchial Arch
- 6..Clavipectoral Fascia
7. Floor of IV ventricle of brain

Write Briefly On:  $5 \times 2 = 10m$

8. Circumvallate papillae. 9. Nerve supply and action of Deltoid  
10. Sinuses opening into middle meatus of nose 11. External jugular vein 12. Styloid process

**501-A-FIRST M.B.B.S. DEG. EXAMINATION – JANUARY, 2011-ANATOMY-PAPER-I**

1. Discuss Brachial plexus under following headings:  $2 + 3 + 3 + 2 = 10m$   
a) Formation b) Relations c) Branches d) Applied aspects  
2. Discuss lateral wall of nasal cavity under following headings:  $5 + 2 + 2 + 1 = 10m$   
a) Features b) Nerve supply c) Blood supply d) Applied aspect

Write Short Notes On:  $5 \times 4 = 20m$

3. Histology of thymus. 4. Ciliary ganglion 5. Lateral pterygoid muscle.  
6. Primitive streak. 7. Distribution of ulnar nerve in the hand.

Write Briefly On:  $5 \times 2 = 10m$

8. Blood supply of mammary gland. 9. Jugular foramen – structures passing  
10. Name the cartilages of larynx 11. Name all the muscles of pharynx 12. Diagram of circle of Willis

**501-A=FIRST M.B.B.S. DEG. EXAMINATION=JULY, 2010=ANATOMY=PAPER-I**

1. Describe the gross anatomy of mammary gland. Add a note on its development= $8 + 2 = 10m$   
2. Enumerate the dural venous sinuses. Describe the tributaries, connections and applied anatomy of  
“Cavernous Sinus”= $3 + 7 = 10m$

Write Short Notes On:  $5 \times 4 = 20m$

3. Falx Cerebri 4. Histology of Parotid salivary gland 5. Lumbricals of hand  
6. Maxillary artery 7. Spermatogenesis

Write Briefly On:  $5 \times 2 = 10m$

8. Coracoid process of scapula 9. Association fibres of brain 10. Facial cleft  
11. Ansa cervicalis 12. Emissary veins

**501-A=FIRST MBBS. DEG. EXAM – JANUARY, 2010=ANATOMY-PAPER-I**

1. Describe cavernous sinus under the following headings:  $= 3 + 2 + 3 + 2 = 10m$   
a) Relations b) Contents c) Tributaries d) Applied aspects  
2. Describe axillary nerve under the following headings:  $= 3 + 2 + 3 + 2 = 10m$   
a) Origin and course b) Relations c) Branches d) Applied aspects

Write Short Notes On:  $= 3$ . Lumbricals 4. Histology of cardiac muscle 5. Fertilization

6. Development of palate 7. Anastomosis around elbow joint

Write Briefly On:  $5 \times 2 = 10m$

8. Branches of axillary artery 9. Dorsal venous arch of hand 10. Nuclei related to cerebellum  
11. Middle meatal openings 12. Actions of superior oblique muscle of eye ball

**501-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2009-ANATOMY-PAPER-I**

1. Describe the tongue under the following headings.  $= 2 + 2 + 1 + 2 + 3 = 10m$   
a) Parts b) Relations c) Blood supply d) Nerve supply e) Lymphatic drainage & development  
2. Describe the radial nerve under the following headings:  $1 + 2 + 2 + 2\frac{1}{2} + 2\frac{1}{2} = 10$   
a) Origin b) Course c) Relations d) Branches e) Applied Anatomy

Write short notes on: 3. Corpus Callosum 4. Median cubital vein. 5. Histology of Hyaline cartilage  
6. Epicranial Aponeurosis. 7. Derivatives of third branchial arch

- Write short notes: 8. Otic Ganglion 9. Name any four Carpal Bones. 10. Levator Palpebrae Superioris  
11. Movements of Wrist Joint. 12. Filum terminale.

**501-A-FIRST M.B.B.S. DEG. EXAMINATION – FEBRUARY, 2009-ANATOMY-PAPER-I**

1. Describe the lateral wall of nasal cavity under following headings:  $(2 + 3 + 1 + 2 + 2 = 10)$   
a) Bones forming b) Subdivisions c) Features d) Nerve supply e) Blood supply  
2. Describe formation, relations, branches and applied anatomy of Brachial plexus= $(2 + 3 + 2 + 3 = 10)$

Write Short Notes On:  $= 5 \times 4 = 20 = 3$ . Enlargements of spinal cord. 4. Interpeduncular fossa.

5. Second pharyngeal arch. 6. Histology of Thymus. 7. Lateral pterygoid muscle.

Write Briefly On= $5 \times 2 = 10$

8. Ansa cervicalis. 9. Crista galli. 10. Foramen ovale. 11. Cubital fossa. 12. Intertubercular sulcus.

**501-A-FIRST M.B.B.S. DEG. EXAMINATION – DECEMBER, 2008 ANATOMY-PAPER-I**

1. Describe Tongue under following headings:  
a) Surface features with papillae b) Musculature c) Nerve supply d) Development=(3+3+2+2)
2. Discuss Radial nerve under following headings: a) Course b) Relations c) Branches  
d) Applied Anatomy=(2+3+3+2)

Write short notes on:= 5x4=3. Fourth ventricle 4. Histology of lymph node 5. Insula

6. Middle meningeal artery 7. Development of parathyroid glands

Write briefly on: =5x2=10m=8. Tubotympanic recess 9. Annular ligament 10. Carotid sheath

11. Sacral Hiatus 12. Filum terminale

**501-A-FIRST MBBS. DEG. EXAMINATION – MARCH/APRIL, 2008-ANATOMY-PAPER-I-**

1. Describe the gross features, Blood and Nerve Supply, Lymphatic drainage and development of the Parotid gland. (4+3+1+2=10)
  2. Describe the course, relations, branches and applied anatomy of ulnar nerve.=(2+3+3+2=10)
- Write short notes on:= (5x4)3.. Microscopic Anatomy of Pituitary gland 4. Middle meningeal artery
5. Lateral wall of the nose 6. Quada Equina 7. Caudate Nucleus
- Write briefly on:=5X2=8. Surgical neck of the humerus 9. Carotid sheath 10.. Insula 11. Sensory dicussion
12. Cervical cyst

**PAPER-I –N.R.) 501-A-MBBS.FIRST YR DEG. EXAM- SEPT/OCT-2007--ANATOMY**

1. Discuss gross features, blood supply, microscopic anatomy & development of Thyroid gland=3+3+2+2
2. Describe the shoulder joint under following headings: 2+3+4+1  
a) Articular Surfaces b) Capsule and ligaments c) Applied Anatomy  
d) Movements and muscles bringing about these movements

Write short notes : 5 x 4; 3. Inferior cerebellar peduncle 4. Lateral ventricle

5. Microscopic anatomy of elastic artery 6. Lymphatic drainage of Breast 7. Caudate nucleus

Write briefly on: 5 x 2 =8. Nerve supply of Soft Palate 9. Filum terminale 10.Palmar aponeurosis

11.Median cubital vein 12. Olfactory bulb

**MAY, 2007**

1. Describe axillary Artery under following headings: a) Course b) Relations  
c) Branches d) Applied Anatomy =(2+4+2+2=10)
2. Classify Dural venous sinuses. Describe cavernous sinus under following headings:-2  
a) Location, Extent=1 b) Relations, contents=2 c) Communications=3 d) Applied Anatomy=2
3. Write Short Notes On: 5x4=20=a) Ulnar Nerve in the hand b)Lateral wall of Nasal cavity c)Inferior Cervical Ganglion d) Third Pharyngeal Pouch e) Histology of submandibular gland
4. Write Briefly: 5x2=10=a) Tapetum b) Circumvallate Papilla c) Communications of fourth Ventricle
- d) Actions of superior oblique muscle of eye ball e) Sulci and gyri of parietal lobe

**PAPER-I - SEPTEMBER-2006=Illustrate your answers with suitable diagrams**

1. Describe the palatine tonsil under the following headings:  
Situation, blood supply, lymphatic drainage and applied aspects (3+3+2+2=10m)
  2. Describe the lateral ventricle of cerebrum and add a note on its applied anatomy=8+2=10m
- Write short notes on: 5 x 4 =20m; 3. Mid palmar space 4. Carpometacarpal joint of thumb
5. Development of parathyroid glands 6. Microscopic anatomy of cardiac muscle 7. Cubital fossa
- Write briefly on: 5 x 2; 8. Action and nerve supply of crico thyroid muscle
9. Name the processes of dura mater 10.Stellate ganglion 11.Nuclei of cerebellum
  12. Surgical neck of humerus

**APRIL-2006 (N.R.)**

1. Classify Dural venous sinuses. Describe cavernous sinus. Add a note on its applied anatomy(2+6+2)
2. Describe the formation, relations, branches and applied anatomy of brachial plexus(2+2+3+3)  
Write short notes on: 5 x 4 =20m; 3. Internal capsule 4. Hypoglossus muscle 5. First pharyngeal arch
6. Enlargements of the spinal cord 7. Microscopic anatomy of submandibular gland  
Write briefly on: 5 x 2 =10m; 8. Purkinje cells 9. Rima glottides 10.Middle meatus of the nose
- 11.Insula 12. Inferior horn of the lateral ventricle

**SEPT/OCT- 2005**

Illustrate yours answers with suitable diagrams - Answer all questions Max.Marks; 50

1. Classify dural venous sinuses. Describe cavernous sinus under following headings: (2+1+2+3+2=10m)  
a) Location and extent b) Relations, contents c) Communications d) Applied anatomy
2. Write about the shoulder joint and its applied anatomy (6+4=10marks)

- Write short notes on: 5 x 4 =20marks=
1. Circulus arteriosus (circle of Willis)
  2. Inferior cerebellar ped
  3. Subarachnoid cisterns
  4. Development of hypophysis cerebri (pituitary gland)
  5. Microscopic anatomy of muscular artery
  6. Erb's point
  7. Filum terminale
  8. Whitlow
  9. Structures opening into the middle meatus of nasal cavity
  10. Meckel's cartilage

**PAPER-I - MAR/APR.2005.**

1. Describe the internal capsule. Add a note on its applied aspects (8=2=10marks)
  2. Discuss the gross features, blood supply, microscopic anatomy & development of thyroid gland (3+2+3+2)
- Write short notes on: 5 x 4 =20marks;
3. Subclavian triangle
  4. Lacrimal apparatus
  5. Development of palate
  6. Microscopic structure of lymph node
  7. Emissary veins
- Write briefly on: 5 x 2 =10marks;
8. Insula
  9. Carpal tunnel syndrome
  10. Carotid sheath
  11. Colliculi (Quadrigeminal bodies)
  12. Annular ligament

**ANATOMY - PAPER-I (New Regulations) OCTOBER, 2004.**

1. Describe the shoulder joint under the following headings: (2+2+2+4=10marks)
    - a) Articular surfaces, type
    - b) Capsule
    - c) Ligaments
    - d) Movements
  2. Describe Oculomotor nerve under following headings: (2+2+2+2+2=10marks)
    - a) Nucleus
    - b) Course
    - c) Relations
    - d) Branches
    - e) Applied Anatomy
- Write short answers on: 5 x 4 =20marks
3. Hyoglossus Muscle
  4. Histology of Pituitary
  5. Development of Nasal Septum
  6. Anterior Interosseous Artery
  7. Boundaries of fourth ventricle of Brain
- Write briefly on: 5 x 2 =8.
8. Actions of interossei muscles of hand
  9. Trigeminal Cave
  10. Median cubital vein
  11. Developmental anomalies of tongue
  12. Cervical cyst

**PAPER-I - APRIL,2004.**

1. Describe the Axillary artery under the following headings: (2+4+2+2=10marks)
    - a) Course
    - b) Relations
    - c) Branches
    - d) Applied Anatomy
  2. Describe Thyroid gland under following headings: (2+2+4+2)
    - a) Development & developmental anomalies
    - b) Gross features
    - c) Relations
    - d) Blood supply and Nerve Supply
- Write short answers on: 5 x 4 =3.
3. Deltoid Muscle
  4. Interior of Larynx
  5. Motor cortex
- Write briefly on: 5 x 2 =10marks
6. Histology of Lymph Node
  7. Transverse Section (T.S.) of Medulla Oblongata at Olives.
  8. Taste Bud
  9. Actions of lumbricals of hand
  10. Branches of posterior cord of Bronchial plexus
  11. Structures passing through foramen ovale
  12. Nuclei present in the pons.

**PAPER-I. (New Regulations) OCTOBER, 2003.**

1. Describe the tongue under the following headings: (2+3+3+2=10marks)
    - a) Macroscopic appearance
    - b) Nerve supply
    - c) Lymphatic Drainage
    - d) Development
  2. Write about the boundaries and contents of Axilla. Add a note on Axillary group of Lymph Nodes.(2+4+4)
- Write short notes on: 5x4=20marks
3. Interpeduncular Fossa
  4. Floor of Fourth Ventricle of Brain
  5. Commissural Fibres
  6. Development of Thyroid Gland
  7. Microscopic Anatomy of thick skin.
- Write briefly on: 5 x 2 =10marks
8. Claw Hand
  9. Bones forming Septum of Nose
  10. Ligamentum Denticulatum
  11. Supinators of Fore Arm
  12. Actions of Superior oblique muscle of Eye ball.

**PAPER-I (Old Regulations) OCTOBER, 2003.**

**Part-A (50marks)**

1. Describe the paranasal air sinuses and discuss their applied aspects (10+5=15marks)
2. Write short notes on: 7x5=35marks
  - a) Claw Hand
  - b) Histology of Pituitary gland
  - c) Microscopic Structure of tonsil
  - d) Development of parathyroid gland
  - e) Vocal Cord
  - f) External jugular vein
  - g) Auditory tube

**Part-B (50marks)**

3. Describe the lateral ventricle and give its applied importance (12+3=15marks)
4. Write short notes on: 7x5=35marks
  - a) Microscopic structure of elastic cartilage
  - b) Lateral medullary syndrome or Wallenberg's syndrome
  - c) Supinator muscle
  - d) Carpo-metacarpal joint of thumb
  - e) Corpora quadrigemina
  - f) Circle of Willis
  - g) Chorion

**PAPER-I - APRIL, 2003 (New Regulations) Time:2hrs.30mints. Max.50marks**

1. Describe tympanic cavity under following headings: (1+2+4+1+2=10marks)
  - a) Situation, size, shape
  - b) Contents
  - c) Medial wall
  - d) Communications
  - e) Blood supply
2. Describe the brachial plexus under following headings: (3+3+2+2=10marks)

- a) Formation    b) Relations    c) Branches    d) Applied aspects
- Write short notes on: 5 x 4 =20marks
    - First Pharyngeal arch
    - Caudate nucleus
    - Middle cerebral artery
    - Hyoglossus muscle
  - Write briefly: 5 x 2 =a) Boundaries & contents of quadrangular space    b) Arterial supply of thyroid gland
    - Internal laryngeal nerve
    - Muscles attached to borders of scapula

**ANATOMY - PAPER-I - APRIL, 2003 (Old Regulations)** Time:3hrs Marks: 100

**Part-A**

- Describe the gross anatomy, microscopic appearance and lymphatic drainage of tongue (5+5+5=15marks)
- Write short notes on; 7x5=35marks
  - Klumpke's paralysis
  - Umbilical cord
  - Quadrangular and triangular spaces
  - Branchial cyst
  - Microscopic structure of thymus
  - Facial artery
  - Digastric muscle

**Part-B**

- Draw a transverse section of medulla oblongata at the level of olivary nucleus and discuss its applied importance =10+5=15marks
- Write briefly on: 7 x 5 =35marks
  - Third ventricle
  - Ansa cervicalis
  - Microscopic structure of medium sized artery
  - Insula
  - Anastomosis around elbow joint
  - Fornix
  - Anatomical snuff box

**ANATOMY, PAPER-I – OCTOBER/NOVEMBER,2002 (New Regulations)**

Answer all questions: Illustrate your answers with suitable diagrams

- Describe the parotid gland under following headings: (3+3+2+2=10marks)
  - Location and features
  - Relations and structures with in.
  - Blood and nerve supply.
  - Development and applied anatomy
- Describe the median nerve under following headings (only in forearm and hand): (2+4+2+2=10marks)
  - Course
  - Relations.
  - Branches
  - Applied Anatomy

Write short notes on: 5 x 4=20marks

- Midpalmar space
- Circle of willis
- Notochord
- Inferior cerebellar peduncle
- T.S. of midbrain at superior colliculus (Draw and label)
- Write briefly on: 5 x 2 =10marks
- Straight sinus
- Fate of pharyngeal clefts
- Hassals corpuscle
- Filum terminale
- Suprasternal space

**ANATOMY, PAPER-I – OCTOBER/NOVEMBER,2002 (Old Regulations)**

**Part-A**

- Write about the gross anatomy, blood supply and nerves in close relation with the thyroid gland and add a note on its applied aspect =15marks
- Write short notes on: 7x5=35marks
  - Coracoid process of the scapula
  - Amnion
  - Microscopic structure of the parotid gland
  - Hyoglossus muscle
  - Development of the tongue
  - Tympanic membrane
  - Nerve supply of the face

**Part-B**

- Describe the floor of the fourth ventricle =15marks
- Write short notes on: 7x5=35marks
  - Carpal tunnel
  - Corpus callosum
  - Axillary lymph nodes
  - Microscopic structure of the cardiac muscle
  - Median cubital vein
  - Middle cerebellar peduncle
  - Radio ulnar joints

**AUGUST, 2001 – PAPER-I (New Regulations)**

- Write the anatomy of mammary gland including its extent, relations, blood supply and lymphatic drainage and add a note on its applied aspects =2+2+2+2+2=10marks
- Mention the origin, course, termination and branches of external carotid artery (2+2+2+4=10marks)
- Write short notes on: 4 x 5 =20marks
  - Microscopic structure of the bone
  - Tympanic membrane
  - Amnion
  - Floor of the fourth ventricle
  - Development of the thyroid gland
- Write briefly on: 2 x 5 =10marks
  - Blood supply of internal capsule and its applied aspects
  - Origin and distribution of chorda tympani nerve
  - Nerve supply and action of lumbricals of hand
  - Fibroblast
  - Collateral circulation

**AUGUST, 2001 – PAPER-I (Old Regulations)**

**Part-A**

- Describe the deep fascia of neck =15marks

- Write short notes on; 7x5=a) Implantation b) Derivatives of 2<sup>nd</sup> pharyngeal arch  
c) Nerve supply of scalp d) Boundaries of tympanic cavity  
e) Styloid process f) Microscopic structure of parotid gland g) Scalenus anterior muscle

Part-B

- Describe the lateral ventricle =15marks
- Write short notes on: 7x5=a) Midpalmar space b) Coracoclavicular ligament  
c) Inferior cerebellar peduncle d) Enlargements of spinal cord  
e) Microscopic structure of large artery f) First carpometacarpal joint g) Lymphatic drainage of breast

**5<sup>th</sup> February, 2001 – PAPER-I (New Regulations)**

- Name the extra ocular muscles of orbit and include their attachment, action, nerve supply and add a note on their applied aspects (2+3+2+3=10marks)
- Write briefly about shoulder joint regarding its relations, ligaments, movements and the muscles responsible and add a note on its applied aspects (2+2+2+2+2=10marks)
- Write short notes on: 4 x5=a) Carotid sheath b) Development and nerve supply of tongue  
c) Carpal tunnel syndrome d) Pre-central gyrus e) Primitive streak
- Write briefly on: 2 x 5 =a) Sesamoid bones b) Microscopic structure of thyroid gland  
c) Skeletal derivatives of 2<sup>nd</sup> pharyngeal arch d) Rima-glottidis e) Mylohyoid (action & nerve supply)

**5<sup>th</sup> February, 2001 – PAPER-I (Old Regulations)**

Part-A

- Describe the extracranial course of facial nerve. Add a note on its applied anatomy =15marks
- Write short notes on: 7x5=a) Maxillary sinus b) Somite c) Vocal cords d) Vertebral artery  
e) Development of tongue f) Superior constrictor muscle g) Microscopic structure of Eye lid

Part-B

- Describe the internal capsule and its blood supply =15marks
- Write short notes: 7x5=a) Rotator cuff b) Axillary lymph nodes c) Serratus anterior muscle  
d) Enlargements of spinal cord e) Carpal tunnel f) Ligaments of the shoulder joint  
g) Draw a labelled diagram of Transverse section of mid brain at superior colliculus level

**NTRUHS - 12<sup>th</sup> July, 2000 - PAPER-I (New Regulations)**

Part-A

- Describe the ligaments, relations, movements and applied anatomy of shoulder joint, (3+2+3+2)
- Write short notes on: 5 x 3 =a) Ansa cervicalis b) Posterior cricoarytenoid muscle  
c) Lateral wall of the nose d) Snuff box e) Histology of Tonsil

Part-B

- Describe the parts, relations, constituent fibres, blood supply & applied anatomy of internal capsule=10m
- Write short notes: 5 x 3 =a) Insula b) Visual cortex c) Circle of Willis d) Trigeminal Nucleus  
e) Second pharyngeal arch

**NTRUHS - 16<sup>th</sup> February, 2000 – PAPER-I (Old Regulations)**

Part-A

- Describe the thyroid gland and its applied anatomy =15marks
- Write short notes on: 7x5=a) Dangerous area of face b) Tentorium cerebelli c) Neural Crest  
d) Microscopic structure of Hypophysis cerebri e) Inlet of larynx f) Cleft upper lip g) External carotid artery

Part-B

- Describe the Thalamus and its connections =15marks
- Write short notes on: 7x5=a) Wrist drop b) Third part of axillary artery c) Anatomical snuff box  
d) Cephalic vein e) Histology of cerebrum f) Floor of fourth ventricle  
g) Quadrangular and Triangular spaces

**NTRUHS - 16<sup>th</sup> February, 2000 - PAPER-I (New Regulations)**

Part-A

- Describe the cavernous sinus and its applied anatomy = (7+3=10marks)
- Write short notes on: 5 x 3 =a) Lymphatic drainage of the breast b) Abductor pollicis  
c) Surgical neck of the humerus d) Bursae in the hand e) Posterior Interosseous nerve

Part-B

- Describe the superolateral surface of cerebral hemisphere =10marks
- Write short notes: 5 x 3 =a) Primitive streak b) Dentate Nucleus c) Arachnoid Granulations  
d) Nasal septum e) Vocal cord

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