

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE – I Degree Examination – July-2014**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**ANATOMY– PAPER I**

**Q.P Code : RS -101**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any 2 only)**

**2 X 10 = 20 Marks**

1. Describe the formation, trunks, divisions, cords and branches of the brachial plexus. Add a note on its applied anatomy.
2. Describe the parotid gland under the following headings-Location, gross features, relations, blood supply, nerve supply and surgical anatomy.
3. Describe the coverings and gross features of the lungs including the bronchopulmonary segments. Mention its blood supply, nerve supply, lymphatic drainage and applied anatomy.

**SHORT ESSAY (Answer any 10 only)**

**10 X 5 = 50 Marks**

4. Pronator teres.
5. Blood supply to the heart.
6. Carotid triangle.
7. Superficial palmar arch.
8. Microscopic anatomy of lymph node.
9. Spinal nerve.
10. Development of skull.
11. Transverse section of the medulla oblongata at the pyramidal decussation level.
12. Recurrent laryngeal nerve.
13. Inferior cerebellar peduncle.
14. Thoracic part of oesophagus.
15. Maxillary air sinus.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

16. Dupuytren's contracture.
17. Ape hand.
18. Protractors of mandible.
19. Major openings in the diaphragm.
20. Somite.
21. Cricovocal membrane.
22. Superior orbital fissure.
23. Nerve supply of tongue.
24. Results of fertilization.
25. Epiphysis.

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**ANATOMY– PAPER II**

**Q.P Code : RS -102**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any 2 only)**

**2 X 10 = 20 Marks**

1. Describe the portal vein under the following headings-Formation, extent, course and relation, tributaries. Add a note on porta-caval anastomoses.
2. Describe in detail the arches of the foot and its applied anatomy.
3. Describe the pancreas under the following headings-Location, parts, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy.

**SHORT ESSAY (Answer any 10 only)**

**10 X 5 = 50 Marks**

4. Klinefelter's syndrome.
5. Menisci.
6. Inferior vena cava.
7. Development of stomach.
8. Ureter.
9. Microscopic Anatomy of liver.
10. Superficial perineal pouch.
11. Supports of the Uterus.
12. Femoral nerve.
13. Microscopic anatomy of ileum.
14. Numerical aberrations of chromosomes.
15. Development of adrenal gland.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

16. Uses of Karyotyping.
17. Applied anatomy of cruciate ligaments.
18. Rectus sheath formation.
19. Femoral sheath.
20. Coverings of Kidney.
21. Pudendal canal.
22. Cryptorchidism.
23. Imperforate anus.
24. Calot's triangle.
25. Indirect inguinal hernia.

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**ANATOMY– PAPER I**

**Q.P Code : SDUU-101**

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe the right lung under the following
  - a. Lobes      b. Hilum      c. Histology      d. Broncho pulmonary segments
  - e. Applied anatomy
2. Describe the tongue under the following.
  - a. Parts      b. Muscles      c. Histology      d. Nerve Supply
  - e. Development

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Structure of a lymph node.
4. Biceps Brachii.
5. Yolk Sac.
6. Brachial Artery.
7. Coronary Sinus.
8. Sternocleidomastoid Muscle.
9. Floor of fourth Ventricle.
10. Hypoglossal Nerve.
11. Primitive streak.
12. Muscles of pharynx.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Carpal tunnel syndrome.
14. Corpus luteum.
15. Superior colliculus.
16. External jugular vein.
17. Erb's point.
18. Somites -parts.
19. Clavipectoral fascia.
20. Otic ganglion.
21. Lateral rectus muscle.
22. Connections and applied anatomy of cavernous sinus.

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**ANATOMY– PAPER II**

**Q.P Code : SDUU-102**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe kidney under: location, Capsules, relations, blood supply, applied aspects.
2. Describe ankle joint in detail.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Blood supply of stomach.
4. Port-caval anastomosis.
5. Histology of liver.
6. Ligaments of knee joint.
7. Uterus-Parts and supports.
8. Thoracolumbar fascia.
9. Histology of Testis.
10. Down's Syndrome.
11. Rotation of midgut.
12. Boundaries and contents of popliteal fossa.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Lobes of prostate.
14. Adductor canal.
15. Pseudopancreatic cyst.
16. Contents of rectus sheath.
17. Barr bodies.
18. Give the derivatives of paramesonephric duct in male and female.
19. Plantar aponeurosis.
20. Dorsalis pedis artery.
21. Layers of scrotum.
22. Mutagens.

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