

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

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE – I Degree Examination – July-2013**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**ANATOMY– PAPER I**

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

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe internal capsule under: location, relations, fibres, blood supply and applied aspects.
2. Describe brachial plexus under: formation, relations, branches and applied aspects.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Lymphatic drainage of breast with applied aspects.
4. Arch of aorta.
5. Nasal septum: formation and applied aspects.
6. Tympanic membrane.
7. Nerves in the orbit.
8. Suprapleural membrane.
9. Vertebral artery in the neck.
10. Suboccipital triangle.
11. Fertilization.
12. Morphological classification of muscles.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Palmer aponeurosis.
14. Muscles of larynx.
15. Contents of superior mediastinum.
16. Layers of scalp.
17. Ansa cervicalis.
18. Coronary sinus.
19. Hilum of right lung.
20. Differences between arteries and veins.
21. Draw a labelled diagram of anastomosis around elbow.
22. Histology of parotid gland.

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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 location, parts, relations, blood supply, histology and applied aspects of pancreas.
2. Describe types, formation, supports, mechanism and applied aspects of plantar arches.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Extrahepatic biliary apparatus..
4. Rectus abdominis muscle.
5. Histology of uterus.
6. Development of urinary bladder.
7. Classification of chromosomal abnormalities / anomalies..
8. Relations of stomach : anterior and posterior.
9. Inferior vena cava.
10. Femoral sheath.
11. Spermatic cord.
12. Ligaments of spleen: formation and contents.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Tendo – calcaneus tendon formation.
14. Psoas abscess.
15. Femoral Hernia.
16. Foot drop.
17. Renal fascia.
18. Draw a labeled diagram of histology of testis.
19. Name branches of profunda femoris artery.
20. Mention great saphenous vein formation and tributaries.
21. Pudendal artery : parts and branches
22. Draw a labeled diagram of ILEO-CAECAL opening(valves)

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**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 of brachial plexus, relations and its branches.
2. Describe the morphology, arterial supply and venous drainage of heart.
3. Describe the scalp under the following headings: (a) Layers (b) Arterial supply (c) Nerve Supply (d) Applied aspects.

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

**10 X 5 = 50 Marks**

4. Supinator - Attachments, Nerve Supply and action.
5. Flexor retinaculum – attachments, structures passing under flexor retinaculum.
6. Pericardium and its innervation.
7. Pleural recesses and applied aspects.
8. Nasal septum- Formation and blood supply.
9. External Carotid Artery- Formation and Termination; and its branches.
10. Posterior triangle – boundaries and mention structures in its floor.
11. Blood supply of Spinal cord with diagram.
12. Classify white matter and mention parts of corpus callosum.
13. Ossification and its types.
14. Implantation of conceptus and mention various abnormal sites of implantation.
15. Microscopic structure of conducting artery and differentiating features from medium size artery.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

16. Mention the boundaries of cubital fossa.
17. Mention the branches of Arch of Aorta.
18. Mention the attachment of papillary muscles and its functions.
19. Mention the structures opening in the middle meatus of nasal cavity.
20. Mention the functional classification of Sulci of brain with examples.
21. Mention structural classification of muscles with examples.
22. Mention the components of an osteon.
23. Enumerate the types of cartilage with examples.
24. Mention the Skeletal and muscular derivatives of 2<sup>nd</sup> arch.
25. Mention the branches of facial artery in the face.

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**[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 external features, coverings, visceral relations and development of kidney.
2. Describe the extent, parts, sphincters, blood supply and applied anatomy of anal canal.
3. Describe the anatomy of Hip joint under the following headings
  - a) Type and articulating of surfaces
  - b) Ligaments
  - c) Movements and muscles causing it.
  - d) Applied anatomy.

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

**10 X 5 = 50 Marks**

4. Lesser Sac
5. Superior mesenteric Artery.
6. Duodenum – parts and relations.
7. Portal vein.
8. Uterine tubes.
9. Urinary bladder.
10. Abductors of hip joint.
11. Femoral nerve.
12. Posterior tibial artery.
13. Derivatives of Paramesonephric duct.
14. Turner's syndrome.
15. Histological structures of ovary, with labeled diagram.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

16. Mention any three factors causing the descent of testis.
17. Mention the relations of the visceral surface of spleen.
18. Mention the lymphatic drainage of stomach with help of a labelled diagram.
19. Enumerate the contents of superficial perineal pouch .
20. Write the nerve supply and action of levator ani.
21. Name the branches of internal iliac artery.
22. Mention the formation and attachments of tendocalcaneus.
23. Mention the nerve supply and action of popliteus.
24. Mention the denver's classification of chromosomes.
25. Microscopic structure of appendix diagram and label.