

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

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE – I Degree Examination – July-2015**

**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 thyroid gland under the following headings-Location, capsule, lobes, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy.
2. Classify the dural venous sinuses and Describe the cavernous sinus under the following headings-extent, boundaries, contents, tributaries, communications and applied aspects.
3. Describe the wrist joint under the following headings- Type, articulating surfaces, capsule, synovial membrane, relations, ligaments, blood supply and nerve supply. Mention its applied anatomy.

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

**10 X 5 = 50 Marks**

4. Thenar muscles.
5. Blood supply of long bone.
6. Microscopic anatomy of elastic artery.
7. Ansa cervicalis.
8. Thoracic duct.
9. Development of the right atrium.
10. Cubital fossa.
11. Trachea.
12. Blood supply of spinal cord.
13. Digastric triangle.
14. Formation and circulation of CSF.
15. Soft palate.

**SHORT ANSWERS (No Choices)**

**10 X 3 = 30 Marks**

16. Erb Duchenne palsy.
17. Rima glottidis.
18. Tributaries of coronary sinus.
19. Blastocyst.
20. Dangerous area of face.
21. Great auricular nerve.
22. Nerve supply of a joint.
23. Clavipectoral fascia.
24. Actions of superior oblique muscle.
25. Deep part of submandibular gland.

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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 stomach under the following headings.  
a) Location and parts                      b) Relations                      c) Blood supply                      d) Lymphatic drainage
2. Describe the uterus under the following headings  
a) Parts and position                      b) Supports                      c) Blood supply                      d) Lymphatic drainage
3. Describe the femoral triangle under the following headings  
a) Location                      b) Boundaries                      c) Contents                      d) Applied anatomy

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

**10 X 5 = 50 Marks**

4. Lesser omentum – attachments, contents.
5. Second part of Duodenum – relations, interior.
6. Vermiform appendix – parts, positions.
7. Coliac trunk – origin, branches.
8. Douglas pouch – boundaries, contents.
9. Prostate- Capsule, lobes.
10. Medial longitudinal arch-bones forming, factors maintaining.
11. Tendocalcaneus – formation, attachments, function.
12. Interossei of foot – attachments, nerve supply.
13. Development of diaphragm.
14. Turner's syndrome – karyotyping, features.
15. Histology of suprarenal gland with labeled diagram.

**SHORT ANSWERS (No Choices)**

**10 X 3 = 30 Marks**

16. Mention the structures passing through porta hepatis.
17. Enumerate the position of constriction of ureter.
18. Mention the impressions on the visceral surface of spleen.
19. Mention the layers in the wall of urinary bladder.
20. Name the branches of internal iliac artery.
21. Enumerate the contents of adductor canal.
22. Muscles supplied by deep peroneal nerve.
23. Derivatives of second pharyngeal arch.
24. Define barr body and mention its clinical significance.
25. Enumerate the cells and its secretion in the islets of langerhans.

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