

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

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S Phase-I Degree Examination – SEPTEMBER 2018**

Time:3 hours

Max Marks:100

**ANATOMY- PAPER 1**

*Your answer should be specific to the question asked Draw neat and labeled diagrams wherever necessary*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe Thyroid gland under the following headings with suitable diagrams - a) Gross features b) Coverings c) Relations d) Clinical significance (2+2+4+2)
2. Describe the left lung under following headings - a) External features b) Root c) Relations on mediastinal surface & d) Applied aspects (3+2+3+2)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Illustrate the origin, course and branches of Brachial Artery
4. Illustrate the sensory nerve supply of face with diagram.
5. Describe the clavipectoral fascia with suitable diagram.
6. List intrinsic muscles of Larynx and mention their actions
7. Illustrate the sinuses of pericardium and give its clinical relevance
8. Illustrate the microscopic structure of thin skin with salient features
9. Draw a neat labeled diagram to show the sulci, gyri and functional areas of superolateral surface of cerebrum.
10. Illustrate the secretomotor pathway of the parotid gland
11. List the peculiarities of sesamoid bone. Give examples
12. Enumerate the derivatives of 2<sup>nd</sup> branchial arch.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Mention the attachments of Lower end of humerus
14. Name the muscles of mastication
15. Illustrate cutaneous innervation of palm
16. Mention any three relations of cavernous sinus
17. List the branches of left coronary artery and parts of heart supplied by it
18. Illustrate simple squamous epithelium
19. Name the parts of midbrain
20. Name the derivatives of notochord
21. Define Hilton's law with example
22. Name the branches of axillary artery

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**ANATOMY- PAPER 2**

*Your answer should be specific to the question asked Draw neat and labeled diagrams wherever necessary*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Compute liver with respect to a) Gross features b) Relations of inferior surface c) Applied anatomy (4+4+2)
2. Classify the arches of foot, the factors maintaining the arches of foot, Add note on applied aspects (3+5+2)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Illustrate the attachments of iliac crest.
4. Discuss the portocaval anastomosis with its clinical significance
5. Mention the boundaries and contents of anal triangle.
6. Illustrate the formation of rectus sheath.
7. Describe gluteus maximus with its origin, insertion, nerve supply and action
8. Describe the development of uterus
9. Compute the genotype and clinical features of turners syndrome
10. Construct microscopic anatomy of prostate
11. Explain microscopic anatomy of epididymis
12. Explain aneuploidy with an example

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. List the contents of broad ligament
14. List the structures crossing abdominal part of right ureter
15. Name the anterior relations of the rectum in female
16. Clinical implications of persistant processus vaginalis
17. List the muscles of extensor compartment of thigh
18. Mention the derivatives of paramesonephric duct
19. Mention the boundaries of perineum
20. Draw neat labelled diagram of microscopic features of Uterus
21. Anatomical approach of pudendal nerve block.
22. Mention the formation and any two tributaries of portal vein.