

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE – I Degree Examination – July-2016

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 root value, course and distribution in the palm and applied aspects of ulnar nerve.
2. Describe the course, branches and distribution of right coronary artery. Add a note on its applied significance.
3. Describe the location, parts, coverings, relations and blood supply of thyroid gland.

SHORT ESSAY (Answer any 10 only)

10 X 5 = 50 Marks

4. Lymphatic drainage and blood supply of mammary gland.
5. Abduction of shoulder joint and muscles responsible for it at various stages.
6. Arch of aorta relations and branches.
7. LT. lung medical surface relations and hilum structures in order.
8. Features, blood supply and nerve supply of lateral wall of nasal cavity.
9. Sternocleidomastoid muscle attachments, nerve supply and action.
10. Carotid triangle boundaries and contents.
11. Cut section of medulla oblongata at olivary nuclear level with diagram.
12. Draw a neat labeled diagram of lateral surface of cerebrum showing sulci, gyri and important functional areas.
13. Collateral circulation and its significance.
14. Fertilization and its significance.
15. Histology of skeletal muscle with a neat labeled diagram.

SHORT ANSWERS (No Choices)

10 X 3 = 30 Marks

16. APE thumb deformity.
17. Cardiac plexus.
18. Tributaries of coronary sinus.
19. Secretomotor nerve supply of parotid gland.
20. Blood brain barrier.
21. Epiphysis.
22. Types of neuroglial cells.
23. Blood supply of long bones.
24. Sacrococcygeal teratoma.
25. Features of hyaline cartilage.

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 labeled diagrams wherever necessary.

LONG ESSAY (Answer any 2 only)

2 X 10 = 20 Marks

1. Describe the kidney under following headings.
 - a) Coverings
 - b) Morphology
 - c) Relations
 - d) Blood supply
2. Describe the urogenital triangle under following headings.
 - a) Morphology
 - b) Superficial perineal pouch
 - c) Perineal membrane
 - d) Deep perineal pouch
3. Describe the femoral nerve under following headings.
 - a) Origin and course
 - b) Relations
 - c) Branches
 - d) Applied aspects

SHORT ESSAY (Answer any 10 only)

10 X 5 = 50 Marks

4. Inguinal canal boundaries and contents.
5. Superior mesenteric artery origin, course and branches.
6. Extra biliary apparatus components and relations.
7. Structures forming stomach bed with a neat labeled diagram.
8. Blood supply and lymphatic drainage of urinary bladder.
9. Prostate morphology and functions.
10. Names and features of hamstring muscles.
11. Femoral sheath formation, contents and applied aspects.
12. Anastomoses around knee joint and diagram
13. Name the nerve and derivatives of second pharyngeal arch.
14. Structure of chromosome and diagram.
15. Microscopic structure of liver with labeled diagram.

SHORT ANSWERS (No Choices)

10 X 3 = 30 Marks

16. Ligaments of liver.
17. Blood supply of pancreas.
18. Attachments of mesentery.
19. Broad ligament.
20. Parts of fallopian tube.
21. Muscles attached to Ischial Tuberosity.
22. Evertors of foot.
23. Derivatives of mesonephric duct in male.
24. Write any two laws of Mendelian inheritance.
25. Draw labeled diagram of microscopic structure of vermiform appendix.