

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE – I Degree Examination – January-2017

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 labeled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Describe the commencement, course, relations, branches and termination of axillary artery.
2. Describe the external and internal features, blood supply and development of right atrium.
3. Describe the thyroid gland under the following headings.
a) Parts and location b) Capsules c) Relations d) Blood supply e) Applied Anatomy

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Attachments, nerve supply and action of deltoid muscle.
5. Formation, completion and branches of superficial palmar arch.
6. Location and tributaries of coronary sinus.
7. Arch of aorta – Extent, relations and branches.
8. Sternocleidomastoid – attachments, action, nerve supply and applied anatomy.
9. Cavernous sinus – location, relations, structures within and applied anatomy.
10. Formation and structures enclosed within the carotid sheath.
11. Maxillary air sinus – location, drainages and applied anatomy.
12. Draw a neat, labelled cross sectional diagram at the level of superior colliculus.
13. Blood supply of spinal cord.
14. Yolk sac – stages in the development and functions.
15. Microscopic structure of lymphnode with a labelled diagram.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Branches from posterior cord of brachial plexus.
17. Mention the Pleural recesses and its clinical importance.
18. Diagram, showing the structures present in a typical intercostal space.
19. Enumerate the branches of external carotid artery.
20. Draw a neat labelled diagram of section of spinal cord (Cross section).
21. Enumerate any six features of a typical synovial joint.
22. Define epiphysis. Name the different types, giving examples for each.
23. Define Hilton's law with example.
24. Contents of umbilical cord.
25. Draw a labelled diagram of microscopic structure 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 Two)

2 X 10 = 20 Marks

1. Describe the pancreas under following headings
 - a) Morphology
 - b) Blood supply
 - b) Relations
 - d) Applied aspects
2. Describe the uterus under following headings
 - a) Morphology
 - b) Blood supply
 - c) Lymphatic drainage
 - d) Supports
3. Describe the knee joint under following headings.
 - a) Type and bones forming
 - b) Ligaments
 - c) Movements and muscles responsible
 - d) Locking and unlocking

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Renal fascia and its attachments.
5. Lesser sac location, boundaries and applied aspects.
6. Coeliac trunk-origin, course and branches.
7. Relations and blood supply of first part of duodenum.
8. Perineal membrane attachments and structures piercing.
9. Superficial perineal pouch and its diagram.
10. Adductor magnus attachments, nerve supply and actions.
11. Femoral triangle boundaries and contents.
12. Obturator nerve course, relations and branches.
13. Derivatives of second pharyngeal arch and nerve of the arch.
14. Turner's syndrome-clinical features phenotype and genotype.
15. Microscopic structure of kidney with labeled diagram.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Hepatorenal pouch of morison.
17. Blood supply of ureter.
18. Mc' Burney's point.
19. Pudendal canal.
20. Write any three differences between male and female pelvis.
21. Attachment of inferior extensor retinaculum of leg.
22. Trochanteric anastomoses.
23. Development of suprarenal gland.
24. Name three structural abnormalities of chromosomes.
25. Draw labeled diagram of microscopic structure of oesophagus .