

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

M.B.B.S. PHASE – I Degree Examination – January-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 Two)

2 X 10 = 20 Marks

1. Describe the formation, relations, branches and applied anatomy of Brachial plexus.
2. Describe the right lung under the following headings
 - a) Borders and Surfaces b) Structures passing through hilum c) Blood supply d) Nerve supply
3. Describe the Temporomandibular joint under the following headings
 - a) Type, articulating bones and ligaments b) Relations
 - c) Movements and muscles causing d) Blood supply

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Brachialis - attachments, nerve supply, action.
5. Carpal tunnel- formation, structures passing through, applied anatomy
6. Tricuspid atriovalvular complex.
7. Intercostal muscles-attachments and actions.
8. Structures passing through Parotid gland.
9. Muscles of larynx.
10. Pretracheal fascia-attachments and applied anatomy.
11. Diagram of section of pons at facial colliculus.
12. Inferior cerebellar peduncles.
13. Types of neurons with examples.
14. Chorion and types of chorionic villi.
15. Labelled diagram of histology of cardiac muscle.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Mention the boundaries of upper triangular spaces and its contents.
17. Mention the vertebral level of sternal angle and three changes at this level.
18. Name the contents of superior mediastinum.
19. Mention the nerve supply of extra ocular muscles.
20. Mention the fibres passing through crus cerebri.
21. Mention any three laws of ossification.
22. Mention the contents of middle ear.
23. Define neurobiotaxis with example.
24. Name the barriers of fertilization.
25. Mention the general sensory nerve supply of tongue.

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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 Two)

2 X 10 = 20 Marks

1. Describe the location, parts, relations and blood supply of stomach.
2. Describe the parts, relations, internal features and nerve supply of urinary bladder.
3. Mention the type, articulating bones, relations and movements of hip joint.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. II part of duodenum features and structures opening.
5. Lesser sac-boundaries and recesses.
6. Kidneys-anterior relations with suitable diagrams.
7. Rectus sheath formation and contents.
8. Ischiorectal fossa-boundaries and applied importance.
9. Superficial perineal and deep perineal pouches boundaries and contents.
10. Adductor canal-boundaries and contents.
11. Dorsalis pedis artery-course and branches.
12. Locking and unlocking of knee joint.
13. Development of pancreas with suitable diagram.
14. Karyotyping procedure with steps.
15. Histology of liver.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Hesselbach's triangle.
17. Morrison's pouch.
18. Bare area of liver.
19. Perineal body.
20. Batson's venous plexus.
21. Trendelenburg's sign.
22. Femoral canal.
23. Cryptorchidism.
24. Down's syndrome.
25. Histology of testis.