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Q.P Code-101

# Sri Devaraj Urs University

(Formerly known as Sri Devaraj Urs Academy of Higher Education and Research)

1<sup>st</sup> M.B.B.S. PHASE - I Degree Supplementary Examination – Jan. 2009

Time : 3 Hrs.

[Max. Marks : 100]

## ANATOMY - Paper I

*Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

### LONG ESSAY

2 X 10 = 20 Marks

- Describe the Parotid Gland under the following headings  
(A) Location (B) General features & relations (C) Structures within it  
(D) Blood supply & Nerve supply (E) Applied Anatomy
- Describe the Arch of Aorta as under  
(A) Location and extent (B) Relations (C) Branches  
(D) Development (E) Applied Anatomy

### SHORT ESSAY

10 X 5 = 50 Marks

- Superior oblique muscle of the orbit.
- Substantia nigra.
- Sesamoid bones.
- Arterial supply of the internal capsule.
- Quadrangular & Triangular spaces.
- Extensor retinaculum of the hand.
- Histology of the muscular artery.
- Vocal folds.
- Bronchopulmonary segments of the lungs.
- Fibrous pericardium.

### SHORT ANSWERS

10 X 3 = 30 Marks

- Saturday night palsy.
- Name the muscles of the soft palate & give their nerve supply.
- Histology of the cerebellar cortex (Diagram only)
- Notochordal process.
- Biceps brachii.
- Middle meatus of the nasal cavity.
- Blastocyst.
- Chorda tympani nerve.
- Coronary sinus.
- Mid palmar space.



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## ANATOMY - Paper - II

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

### LONG ESSAY

2 X 10 = 20 Marks

- ✓ 1. Describe the parts, position, relations, blood supply and lymphatic drainage of uterus. Add a note on the supports of the uterus.
- ✓ 2. Describe the root value, course, distribution and applied significance of sciatic nerve.

### SHORT ESSAY

10 X 5 = 50 Marks

- ✓ 3. Portocaval anastomoses.
- ✓ 4. Internal features of anal canal.
- ✓ 5. Femoral sheath.
- ✓ 6. Microscopic anatomy of vermiform appendix.
- ✓ 7. Derivatives of mesonephric duct.
- ✓ 8. Superior mesenteric artery.
- ✓ 9. Microscopic anatomy of kidney.
- ✓ 10. Fate of cloaca.
- ✓ 11. Blood supply and lymphatic drainage of stomach.
- ✓ 12. Mesentery.

### SHORT ANSWERS

10 X 3 = 30 Marks

- ✓ 13. Mutation.
- ✓ 14. Ventral branches of abdominal aorta.
- ✓ 15. Structures piercing perineal membrane in male.
- ✓ 16. Cruciate ligaments of knee joint.
- ✓ 17. Down's syndrome.
- ✓ 18. Contents of spermatic cord.
- ✓ 19. Parts and functions of gall bladder.
- ✓ 20. Hermaphroditism.
- ✓ 21. Epiploic foramen.
- ✓ 22. Flexor retinaculum of the ankle.

