

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

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE – I Degree Examination – JULY-2012**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**PHYSIOLOGY– PAPER I**

**Q.P Code : - 103-SDUU**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Define Arterial Blood pressure and describe the factors maintaining and regulating arterial blood pressure
2. Give an account of erythropoiesis and mention the various factors affecting erythropoiesis

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. GFR
4. Hcl formation and functions
5. Deglutition
6. Non respiratory functions of lungs
7. Hypoxia
8. CVS response to exercise
9. Heart Sounds
10. Fetal circulation
11. Hemorrhagic shock
12. Anticoagulants

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Cystometrogram
14. Filtration fraction
15. Mass peristalsis
16. Functions of Gallblader
17. Timed Vital capacity
18. Cyanosis
19. Pacemaker potential
20. Bainbridge reflex
21. Effects of Splenectomy
22. Primary active transport

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**PHYSIOLOGY– PAPER II**

**Q.P Code : 104- SDUU**

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Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. What is the normal Serum calcium level? How is it regulated in the blood. Add a note on Tetany.
2. Mention the nuclei, connections and the functions of Cerebellum. Add a note on 3
3. cerebellar functions tests.

**SHORT ESSAY**

**10 X 5 =50 Marks**

4. Wallerian degeneration.
5. Referred pain.
6. Perfrontal lobe syndrome.
7. Functions of CSF.
8. Functions of Middle Ear.
9. Refractive errors.
10. Cushing's syndrome.
11. Thyroid function tests.
12. Milk ejection reflex.
13. Sarcotubular system.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

14. Decerebrate rigidity.
15. Aphasia.
16. Conditioned reflex.
17. Pupillary light reflex.
18. Presbyopia.
19. Hypothalamic releasing hormones.
20. Sertoli cells.
21. Feto placental unit.
22. Myasthenia gravis.
23. Composition of Semen.

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