

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 labeled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. What is normal blood pressure? Give an account of regulation of arterial blood pressure.
2. Classify hypoxia. Describe how the body acclimatizes itself to high altitude.

SHORT ESSAY**10 X 5 = 50 Marks**

3. What are plasma proteins? Mention their types and discuss their functions.
4. Describe the pharyngeal stage of deglutition.
5. Inter cellular connections.
6. Cell mediated immunity
7. Artificial respiration
8. Briefly give an account of $\text{Na}^+ - \text{K}^+$ ATP ase pump
9. Anemia classification
10. Complimentary system
11. Properties of cardiac muscle
12. Describe the circulatory changes during muscular exercise

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. List the important functions of bile
14. Four functions of stomach
15. What is Haldane's effect
16. Define vital capacity
17. Explain 'Osmotic diuresis'. Give an example
18. Buffer mechanisms of kidney
19. Tabetic bladder
20. Draw a neat diagram of cystometrogram
21. Define jaundice. How do you classify jaundice
22. Types and functions of lymphocytes

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - I Degree Examination – July - 2011

Time : 3 Hrs.

[Max. Marks : 100]

PHYSIOLOGY - Paper II**Q.P Code : 104 - SDUU***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 functions and connections of Cerebellum. Add a note on Cerebellar Ataxia.
2. Describe the uterine Changes of Menstrual Cycle.

SHORT ESSAY**10 X 5 = 50 Marks**

3. Acromegaly
4. Smell
5. Pupillary and Light Reflex
6. Luteinizing Hormone
7. Cerebral Circulation
8. Hormones of Islets of Langerhans
9. Gait
10. Tympanic Membrane
11. Oral Contraceptives
12. Sleep

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. Action Potential
14. Parkinson's Tremor
15. Skin and body temperature regulation
16. Isotonic contraction
17. Myasthenia Gravis
18. Colour Blindness
19. Refractory period
20. Audiometry
21. Axon reflex (Triple response)
22. Neuromuscular Junction