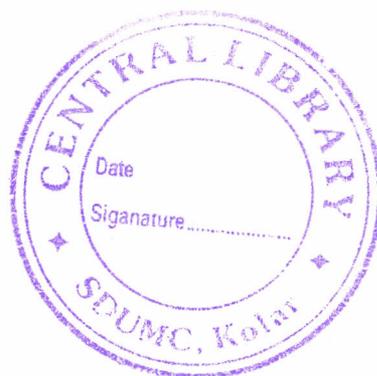


SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**(A DEEMED TO BE UNIVERSITY)****M.B.B.S. PHASE – I Degree Examination – January-2012****Time : 3 Hrs.****[Max. Marks : 100]****BIOCHEMISTRY****Q.P Code : 105- SDUU***Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Describe the regulation of glucose metabolism in fasting and fed states
2. Describe the process of translation and the inhibitors of transcription

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

3. Factors affecting enzyme activity
4. Catabolic products of cholesterol and their functions
5. Metabolic defects of sulfur containing amino acids
6. Phase I reactions of detoxification
7. Inhibitors of electron transport chain
8. Vitamin 'A'
9. Jaundice
10. Biological value of proteins
11. Mutations
12. Diagnostic applications of radio isotopes

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

13. Mitochondria
14. Essential fatty acids
15. Carcinogens
16. Free radicals
17. Phenylketonuria
18. Selenium
19. Immuno globulins
20. Respiratory acidosis
21. Biologically important Nucleotides
22. Gout