

Q.P.Code:102379

REG. No:.....

**First Year M.Sc Medical Physiology Degree Supplementary Examinations,
April 2017**

(FOUNDATION COURSE)

Time: 3 hrs

Max. Marks:- 70

PAPER II – BIOCHEMISTRY

- ***Answer all the questions***
- ***Draw diagrams wherever necessary***

Essay: (2x10=20)

1. Give a detailed account of sources, biochemical functions and deficiency manifestations of vitamin A. (2+5+3)
2. How enzymes are classified. Give two examples for each class. (3+7)

Short Notes: (6x5=30)

3. Urea cycle
4. Gluconeogenesis
5. Recombinant DNA technology
6. Electron transport chain
7. Functions of glycine
8. Post- translational modifications

Answer briefly: (10x2=20)

9. Phospholipids
10. Coenzymes
11. Prostaglandins
12. High energy compounds
13. Lipotropic factors
14. Creatinine clearance test
15. Antioxidants
16. Nitrogen balance
17. Immunoglobulins
18. Glutathione
