

Q.P.Code:102379

Reg. No:.....

**First Year M.Sc Medical Physiology Degree Supplementary
Examinations February 2018**

(FOUNDATION COURSE)

Time: 3 hrs

Max. Marks: 70

PAPER II – BIOCHEMISTRY

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

Essay: (2x10=20)

1. Describe the digestion and absorption of carbohydrates and the associated disorders (4+4+2)
2. Describe translation. Explain the various post-translational modifications (6+4)

Short Notes: (6x5=30)

3. Cori's cycle
4. Km and its significance
5. Southern blotting technique
6. Iso-enzymes
7. Renal mechanism for acid base balance
8. Glycogen storage disorders

Answer briefly: (10x2=20)

9. Transamination
10. Significance of HMP shunt pathway
11. Restriction endonuclease
12. Gout
13. Plasma lipoproteins
14. Ketosis
15. Urea clearance test
16. Hartnup's disease
17. Fatty liver
18. Multiple myeloma
