

QP Code: 301020

Reg. No.....

Third Year B.Sc. Medical Biochemistry Supplementary Examinations

April 2018

Metabolism II

Time: 3 Hours

Total Marks: 80

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

Essay

(2x15=30)

1. Describe the synthesis of heme. Describe the different types of porphyrias (5+10)
2. Explain the sources, biochemical functions and deficiency manifestations of vitamin A.
(2+7+6)

Short Essay

(2x10=20)

3. Obesity and its diet therapy
4. Mechanisms of hormone action

Short Answers

(4x5=20)

5. Biochemical functions and deficiency disease of vitamin C
6. Absorption of iron
7. Parathyroid hormone
8. Rickets

Comment on

(5x2=10)

9. Foetal haemoglobin
10. Thiamine
11. Specific dynamic action
12. Zinc
13. Antivitamins
