

QP Code: 301020

Reg. No.....

Third Year B.Sc. Medical Biochemistry Examinations September 2018

Metabolism II

Time: 3 Hours

Total Marks: 80

- Answer all questions
- Draw diagrams wherever necessary

Essay

(2x15=30)

1. Describe the sources, biochemical functions and disorders of metabolism of iron (2+5+8)
2. Explain the classification, chemistry, synthesis, functions and disorders of adrenal hormones. (2+3+5+5)

Short Essay

(2x10=20)

3. What are the different types of porphyrias. Describe acute intermittent porphyria
4. Explain the sources, structure, biochemical functions and deficiency manifestations of vitamin B₆

Short Answers

(4x5=20)

5. Biochemical functions and deficiency disease of vitamin C
6. Protein-energy malnutrition
7. Parathyroid hormone
8. Riboflavin

Comment on

(5x2=10)

9. Glycaemic index
10. Protein quality
11. Tyrosine kinase
12. GIT hormones
13. Food preservatives
