

QP Code: 301020

Reg. No.....

Third Year B.Sc. Medical Biochemistry Examinations October 2017

Metabolism II

Time: 3 Hours

Total Marks: 80

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

Essay

(2x15=30)

1. Explain the sources, biochemical functions and deficiency manifestations of vitamin D (2+7+6)
2. Classify hormones. Describe briefly on mechanism of actions of hormones (5+10)

Short Essay

(2x10=20)

3. Diet therapy for diabetes mellitus
4. Thyroid hormones - classification, synthesis and functions

Short Answers

(4x5=20)

5. Cushing syndrome
6. Dietary fibre
7. Obesity
8. Insulin

Comment on

(5x2=10)

9. Scurvy
10. Obstructive jaundice
11. Biochemical functions of phosphorus
12. Niacin
13. Anti-vitamins
