

QP Code:1404

Reg. No.:.....

**First BHMS Degree Examinations, March 2012
PHYSIOLOGY & BIOCHEMISTRY- PAPER II**

Time:3 Hours

Max Marks: 100

- Answer all the questions
- Draw diagrams wherever necessary

Essay:

(2x10=20)

- 1 Describe in detail the source, digestion and absorption of triglycerides
- 2 Explain the pyramidal tract with a neat and labeled diagram. What are the effects of lesions of the pyramidal tract in various levels.

Short Notes:

(10x5=50)

- 3 Glucocorticoids
- 4 Glycolysis
- 5 Denovo synthesis of fatty acids
- 6 Lesions of cerebellum
- 7 Vitamin D
- 8 Fasciculus gracilis
- 9 Muscle proteins
- 10 Bile
- 11 Excitation contraction coupling
- 12 Salivary glands

Answer briefly:

(10x3= 30)

- 13 Chronaxie
- 14 Pellagra
- 15 Mixing movements
- 16 Action potential
- 17 Calcitonin
- 18 Cretinism
- 19 Trypsin
- 20 Isoenzymes
- 21 Spermatogenesis
- 22 Transamination