

August 2009

[KV 653]

Sub. Code : 4132

FIRST B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper II – HUMAN PHYSIOLOGY AND BIOCHEMISTRY

Q. P. Code : 544132

Time : Three hours

Maximum: 100 Marks

Answer Section A & B in SEPARATE Answer Books.

Answer **ALL** questions.

SECTION – A
(HUMAN PHYSIOLOGY)

I. Essays : (1 x 20 = 20)

1. Describe in detail the mechanism of clotting. Add a note on haemophilia.

II. Write Short notes on : (5 x 6 = 30)

1. Functions of WBC.
2. Hypothyroidism.
3. Tetany.
4. Hypoxia.
5. Glomerular filtration rate.

SECTION – B
(BIOCHEMISTRY)

I. Essays : (1 x 20 = 20)

1. Write the chemistry, source, requirements, biochemical functions and deficiency manifestations of vitamin D. Add a note on hypervitaminosis.

II. Write Short notes on : (5 x 6 = 30)

1. Immunoglobulins.
2. Glucose Tolerance Test (GTT).
3. Phenylketonuria.
4. Thiamine.
5. Ascorbic acid.