

FIRST YEAR B.D.S. DEGREE EXAM
PAPER II – GENERAL HUMAN PHYSIOLOGY AND
BIOCHEMISTRY

Q.P Code: 544202

Time: 180 Minutes

Maximum: 70 Marks

Draw Suitable diagrams wherever necessary
Answer section A and B in Separate Answer Books

SECTION – A
(GENERAL HUMAN PHYSIOLOGY)

I. Elaborate on: **(1 x 10 = 10)**

1. What is Erythropoiesis? Describe the various stages in the development of RBC. Mention the factors needed for erythropoiesis.

II. Write Notes on: **(5 x 5 = 25)**

1. Conducting system of the heart.
2. Write phases of endometrial cycle.
3. Hypoxia and its types.
4. Actions of Glucocorticoids.
5. Functions of hypothalamus.

SECTION – B
(BIOCHEMISTRY)

I. Elaborate on: **(1 x 10 = 10)**

1. What is the normal serum calcium level? Elaborate on the maintenance of calcium homeostasis.

II. Write Notes on: **(5 x 5 = 25)**

1. Polysaccharides.
2. Competitive Inhibition.
3. Essential aminoacids.
4. Scurvy.
5. Jaundice.
