

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

Q.P Code: 544169

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. Define Blood pressure? Describe the factors maintaining blood pressure and add a note on short term regulation of arterial blood pressure?

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

1. Factors affecting GFR.
2. Actions of glucocorticoids.
3. Pupillary light reflex.
4. Functions of thalamus.
5. Rh Incompatibility.

SECTION – B
(BIOCHEMISTRY)

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

1. Describe in detail the chemistry, sources, requirements, metabolic functions and deficiency manifestations of Vitamin C.

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

1. Glucose Tolerance Test (GTT).
2. Enzymes of clinical significance.
3. Dietary fibres and their role in human nutrition.
4. Structure and function of transfer RNA.
5. Renal function tests.
