

[LH 653]

AUGUST 2015

Sub. Code: 4169

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

Q.P. Code: 544169

Time : Three Hours**Maximum : 70 marks**

Answer All Questions

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. Enumerate the hormones secreted by the thyroid gland.
Describe the actions and regulation of secretion of thyroxine.

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

1. Anticoagulants.
2. Conducting system of heart.
3. Formation and functions of CSF.
4. Composition and functions of Surfactant.
5. Oral Contraceptives.

SECTION – B
(BIOCHEMISTRY)

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

1. What is the normal blood glucose level?
Describe the hormonal regulation of blood sugar level and give the three features of Diabetes mellitus.

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

1. Essential fatty acids.
2. Phenyl ketonuria.
3. Role of fluoride in dental health.
4. Niacin.
5. Classify mutations with examples.
