

[LF 653]

AUGUST 2014

Sub. Code:4169

**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: (1X10=10)

1. Describe the metabolic actions of Thyroid hormones. Add note on hypothyroidism.

II. Write Notes on: (5X5=25)

1. Erythrocyte sedimentation rate
2. Heart sounds
3. Functions of saliva
4. Vital capacity
5. Ovulation

**SECTION – B
(BIOCHEMISTRY)**

I. Elaborate on: (1X10=10)

1. Explain citric acid cycle and its energetic.

II. Write Notes on: (5X5=25)

1. Glycosaminoglycans
2. Enzyme classification
3. Functions, sources and diseases of vitamin A deficiency
4. Structure of transfer RNA
5. Ketone bodies
