



**SG-1105-S**

**First Year B. H. M. S. Examination**

**May/June - 2011**

**Physiology & Biochemistry : Paper - II**

**(New Course)**

Time : Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="F. Y. B. H. M. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="PHYSIOLOGY AND BIOCHEMISTRY : PAPER - 2 (NEW)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="5"/>	Student's Signature
Section No. (1, 2,.....): <input type="text" value="1&amp;2"/>	

- (2) All questions are **compulsory**.
- (3) Figures to the right indicate full marks.
- (4) Draw diagrams wherever necessary.
- (5) Write both sections in separate answer sheets.

**SECTION - I**

- 1 Discuss composition, functions and mechanism of regulation of secretion of Pancreatic Juice. **15**
- 2 Define protein and classify them. Discuss properties, Physiological importance and write normal requirement of proteins in human. **15**

**OR**

- 2 Define vitamin. Discuss sources, normal requirement, functions and deficiency signs of water soluble vitamins. **15**
- 3 Write short notes on : (any **four**) **20**
  - (i) B. M. R.
  - (ii) Functions of Bile Salt
  - (iii) Deglutition
  - (iv) Embden Mayerhoff Pathway
  - (v) Enzyme

SG-1105-S]

1

[Contd...

## SECTION - II

- 1 Define Hormone. Write hormones released by Anterior pituitary gland and discuss action of growth hormone in detail. **15**
- 2 Write Physiology of Synapse. **15**

OR

- 2 Discuss tract of Gall and Burdach. **15**
- 3 Write short notes on : (any **four**) **20**
- (i) CSF
  - (ii) Mensturation
  - (iii) Reflex Arc
  - (iv) Negative feedback Mechanism
  - (v) Properties of Skeletal Muscle.