



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 दशांशवैध 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"/>	Section No. (1, 2,.....): <input type="text" value="1&2"/>
Student's Signature	

- (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

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.