



SB-1105

First Year B.H.M.S. Examination
March / April - 2011
Paper - II : Physiology & Biochemistry
(New Course)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. 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="2 - PHYSIOLOGY & BIOCHEMISTRY"/>	<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 saliva. **15**

2 Define lipid. Classify them. Discuss β -oxidation of fatty acids with number of ATP synthesized. **15**

OR

2 Write principles of Balanced Diet. "Though milk is considered complete food for an infant is not a complete food." Justify the statement. **15**

3 Write short notes on : (any four) **20**

- (1) Describe absorption of end products of CHO digestion.
- (2) Vitamin B₁₂
- (3) Defaecation
- (4) Properties of Protein
- (5) Balanced Diet

SB-1105]

1

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SECTION - II

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|-----------|--|----|
| 1 | Describe physiology of Endocrine Pancreas. | 15 |
| 2 | Describe physiology of Hypothalamus. | 15 |
| OR | | |
| 2 | Describe Pyramidal tract in detail. | 15 |
| 3 | Write short notes on : (any four) | 20 |
| | (1) Neuromuscular Junction | |
| | (2) Classification of Hormones | |
| | (3) Neuroglial Cells | |
| | (4) Ovulation | |
| | (5) Principles of Nervous System. | |
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