



AB-3145
B. Sc. (Sem. V) Examination
March/April – 2015
Bioscience : Paper - I
(Histophysiology)

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. Sc. (Sem. 5)</p> <p>Name of the Subject : Bioscience : Paper - 1</p> <p>Subject Code No. : 3 1 4 5 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center;">Student's Signature</p>
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- (2) Draw neat and labelled diagram whenever **necessary**.
- (3) Figures to the **right** indicate full marks of the question.

1 Answer the following questions in two/three lines only : 10

- (1) Write the location and importance of goblet cells.
- (2) Which of the gastric cells are responsible for the Secretion of HCl ? Write the importance of HCl.
- (3) Define : Chylomicra
- (4) Write the composition of saliva and its importance.
- (5) Write the site of secretion of calcitonin and its importance.

2 Describe in detail the structure of Nephron and physiological process of formation of urine. 14

OR

2 Write : 14

- (1) Functions of Liver
- (2) Structure of gastric glands and its function.

- 3** Answer any **two** of the following : **14**
- (1) Functions of pancreas
 - (2) Draw neat and labelled diagram of :
 - (i) T. S. of small Intestine
 - (ii) T. S. of Pancreas.
 - (3) Functions of skin.
- 4** Write short notes : (any **two**) **12**
- (1) Intestinal digestion and absorption of protein and fat
 - (2) Salivary glands
 - (3) Kupffer cells.
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