AB-3145

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

Time : 2 Hours] [Total Marks : 50

Instructions :
(1) Fill up strictly the details of signs on your answer book.

(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.
Answer any two of the following:

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.

Write short notes: (any two)

1. Intestinal digestion and absorption of protein and fat
2. Salivary glands