DMM-3089
B. Sc. (Sem. IV) Examination
April / May - 2016
Bioscience
(404 - Elementary Physiology)

Time : 2 Hours] [Total Marks : 50

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

Name of the Examination :
B. Sc. (SEM. 4)

Name of the Subject :
BIOSCIENCE

Subject Code No. : 3 0 8 9 Section No. (1, 2,.....): Nil

(2) Draw neat and labeled diagrams wherever necessary.
(3) Figures to the right indicate full marks of the question.

1 Answer as directed : 12
   (1) Explain –Thrombocyte.
   (2) Describe in brief bone tissue.
   (3) Give any two examples of phagocytic cell.
   (4) Enlist the various proteins present in plasma.
   (5) State the normal value of RBC.
   (6) Define : Leucocytosis, Anaemia.

2 Answer any two of the following questions : 14
   (1) Describe in brief leucocytes.
   (2) Write a note on - Hemoglobin.
   (3) Describe in brief how blood pressure is measured.
3. Answer any **two** of the following questions.

   (1) Describe in brief nervous tissue.

   (2) Write a note on epithelial tissue.

   (3) Explain in brief thermoregulation.

4. Write short notes on: (any **two**)

   (1) Cardiac muscle.

   (2) Mechanism of osmoregulation.

   (3) Cartilage.

   (4) Blood plasma.