



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

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दशांशवैल निशानीवाणी विगतो उत्तरवडी पर अवश्य क्षभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. Sc. (SEM. 4)</p> <p>Name of the Subject : BIOSCIENCE</p> <p>Subject Code No. : 3 0 8 9 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 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. **14**

- (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**) **10**

- (1) Cardiac muscle.
 - (2) Mechanism of osmoregulation.
 - (3) Cartilage.
 - (4) Blood plasma.
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