



AB-3149
B. Sc. (Sem. V) Examination
March/April – 2015
Bioscience : Paper - V
(Haematology)

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. V)</p> <p>Name of the Subject : Bioscience : Paper - V (Haematology)</p> <p>Subject Code No. : 3 1 4 9 Section No. (1, 2,...): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p>Student's Signature</p>
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- (2) Figures to the right indicate full marks of the question.
(3) Draw neat and labelled diagram wherever necessary.

- 1 Answer as directed : 12
- (1) Explain : ESR.
 - (2) Describe in brief bleeding time.
 - (3) What is lymphoma ?
 - (4) Give any two examples of abnormal haemoglobin.
 - (5) Enlist the various method for Hb estimation.
 - (6) Define :
 - (a) Haematoma
 - (b) Polycythaemia.

- 2 What is Hemostasis ? Describe in detail blood Coagulation process. 14

OR

- 2 Answer the following questions : 14
- (1) Write a note on anticoagulant.
 - (2) Explain in detail Wintrobe's method for PCV.

3 Answer the following questions : **14**

- (1) Explain - haematopoiesis. Describe in detail thrombopoiesis.
- (2) Explain - leukaemia. Describe in detail acute leukaemia.

4 Write short notes : (any **two**) **10**

- (1) RBC indices
 - (2) Multiple myeloma
 - (3) Differential count.
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