



DG-3149
B. Sc. (Sem. V) Examination
March/April – 2016
Bioscience : 505
(Haematology)

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दर्शावेक निशानीवाणी विगतो उत्तरवकी पर अवश्य लपवी. 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 : 505 (Haematology)</p> <p>Subject Code No. : 3 1 4 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 labelled diagram wherever necessary.
(3) Figures to the right indicate full marks of the question.

Q. 1 Answer as directed. **12**

1. Explain: Polychromatic stain.
2. Describe in brief Anemia.
3. What is RBC suspension?
4. Enlist the various granulocytes.
5. State the differences between serum & plasma.
6. Define: Hematoma, Leucopenia.

Q. 2 Explain haematopoiesis. Describe in detail production of WBCs. **14**

OR

- Q. 2** 1. Describe in brief leukemia. **14**
2. Write a note on Thalassaemia.

Q. 3 Answer **any two** of the followings. **14**

1. Describe in brief erythropoiesis.
2. Write a note on haematocrit.
3. How erythrocyte sedimentation rate is determined?

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

1. Platelets production.
 2. BT and CT.
 3. Anticoagulant.
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