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

Time : 2 Hours] [Total Marks : 50

Instructions :

(1) Fill up strictly the details of \hspace{1cm} signs on your answer book.
Name of the Examination :
\hspace{1cm} B. Sc. (Sem. V)
Name of the Subject :
\hspace{1cm} Bioscience : 505 (Haematology)
Subject Code No. : 3 1 4 9 \hspace{1cm} Section No. (1, 2, .....), Nil

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

Q. 1 Answer as directed. \hspace{1cm} 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.

Q. 2 Explain haematopoiesis. Describe in detail production of WBCs. \hspace{1cm} 14

OR

Q. 2 1. Describe in brief leukemia. \hspace{1cm} 14
2. Write a note on Thalassaemia.
Q. 3 Answer any two of the followings.
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)
1. Platelets production.
2. BT and CT.
3. Anticoagulant.