B. Sc. (Sem. VI) Examination  
March/April – 2015  
Bioscience : Paper - II  
(Blood Banking)  

Time : Hours [Total Marks : 50]  

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

1  Answer as directed :  
   (1) Explain: Anticoagulant.  
   (2) Describe in brief universal donor.  
   (3) Give an example of iso haemagglutinogens.  
   (4) Enlist the various blood component.  
   (5) What are Rhesus antibodies ?  
   (6) Who discover the ABO Blood group system.  

2  Describe in brief various transfusion reaction.  

   OR  

2  Write an essay on blood banking with special reference to blood donor.
3 Write an essay on - compitibility testing. 14

OR

3 Write an essay on - Blood grouping. 14
(cell and serum grouping)

4 Write short notes : (any two) 10
(1) Packed Red cell
(2) Auto transfusion
(3) Blood collection bag.