AD-3292
Third Year B. Sc. (Sem. VI) Examination
March/April – 2015
Medical Technology : Paper MT - 21
(Blood Banking)

Time : 2 Hours] [Total Marks : 50
Instructions :
(1) Fill up strictly the details of signs on your answer book.

Name of the Examination :
THIRD YEAR B. SC. (SEM. VI)
Name of the Subject :
MEDICAL TECHNOLOGY : PAPER MT - 21

(2) Draw labelled diagram where needed.
(3) Figures to the right indicate full marks of the question.

1. Give Answer in Brief: 10
   (a) Define bleeding time and prothrombin time.
   (b) Describe donor selection criteria in brief.
   (c) Storage temperature and expiry of red cell concentrate and fresh frozen plasma
   (d) Justify: Rh Antibodies are immune antibodies.
   (e) Write the significance of H gene in Bombay phenotype.

2. Answer any two of the following. 12
   (a) Explain tests to detect abnormalities of Hemostasis.
   (b) Explain Indirect antiglobulin test with principle and clinical significance.
   (c) Write notes on Rh blood group system.

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3 Describe various Mandatory tests for blood units in detail.  

OR

3 Describe X-matching procedure in detail.

4 Write Short Notes on any two of the following.
   (a) Protocol of Investigation of Transfusion reaction
   (b) Tapping of donor
   (c) Tube method for ABO Blood Grouping
   (d) Preparation of Platelet Concentrate