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**B.Sc. IN MEDICAL LABORATORY TECHNOLOGY
(BMLT)**

Term-End Examination

December, 2017

**BAHI-003 : IMMUNO-HAEMATOLOGY AND
BLOOD BANKING**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions. Q.No. 2 is compulsory.

1. Write briefly about the following : 5x2=10
 - (a) Incomplete antigens
 - (b) Haemapheresis
 - (c) Platelet Rich Plasma
 - (d) Coomb's serum
 - (e) Minor blood groups

2. Write short notes on any five of the following : 6x5=30
 - (a) Fresh Frozen Plasma (FFP)
 - (b) Back typing and its advantages
 - (c) Coomb's Test
 - (d) IgM antibody and acute phase reactants
 - (e) Quality Control in Blood Bank
 - (f) Citrate Phosphate Dextrose Adenine (CPD-A)
 - (g) ABO incompatibility

3. (a) Give an account of transfusion reactions.
(b) Write procedures of investigations in blood bank. **6+4=10**
4. (a) What are the different types of cross matches ? Write the procedure of any one of them. **6+4=10**
(b) Enumerate blood components. Write briefly on FFP (Fresh Frozen Plasma)
5. (a) Define Erythroblastosis foetalis : (HDN) **2+8=10**
(b) Write briefly on Rh immunisation and Rh Sensitisation.
6. (a) What is safe blood ? How will you ensure the quality of safe blood ? **6+4=10**
(b) Professional donor.
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