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Roll No.

**3rd Sem / DMLT, DMLT (For Speech and
Hearing Impaired)**

Subject : Transfusion Medicine

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Antibodies are .

- a) Prostaglandins b) Steroids
- c) Lipoproteins d) Glycoprotein

Q.2 Which of the following blood group is considered as universal donor ?

- a) A b) B
- c) AB d) O

Q.3 The full form of ACD _____.

- a) Anticoagulant citrate dextrose
- b) Anticoagulant Chemical dextrose
- c) Anticoagulant Clotting dextrose
- d) None of the above

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Q.4 Rh antibodies are _____.

- a) Natural antibodies b) Immune antibodies
- c) Both d) None

Q.5 In minor cross matching ?

- a) Patient's cell mixed with donor serum
- b) Donor cell mixed with patient's serum
- c) Both
- d) None

Q.6 Cryoprecipitate contain ?

- a) Factor VIII b) Factor XIII
- c) Von willebrand factor d) All

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Expand HIV ?

Q.8 What is meant by cross matching ?

Q.9 Define antigen ?

Q.10 Write the two types of cross matching ?

Q.11 Write the composition of CPD anticoagulant ?

Q.12 Define blood transfusion reaction

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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Define antibody and draw the structure of antibody.
- Q.14 Write about tube, test for performing ABO blood grouping.
- Q.15 Tabulate various anticoagulants and their composition.
- Q.16 Write the advantages and disadvantages of EDTA.
- Q.17 Describe briefly about the classification of antigen on the basis of origin and specificity.
- Q.18 Outline the principle and procedure for indirect Coomb's test.
- Q.19 Write any four characteristics of ideal blood donor.
- Q.20 Explain the procedure for collection of the blood.
- Q.21 Outline the preparation, preservation and uses of fresh frozen plasma.
- Q.22 Write a note Rh grouping.

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SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Describe about different types of cross matching.
- Q.24 Give a detailed note on ABO blood grouping system.
- Q.25 Describe about the different kind of blood transfusion reactions. Explain in details.

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