

No. of Printed Pages : 4  
Roll No. ....

221935

**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

- 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

## **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

- 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.

## **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions.  $(2 \times 8 = 16)$

- 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.