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221935

Roll No.

**3rd Sem / DMLT, DMLT
(For Speeach 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 If the blood group of an individual is A then the antibody present is
a) Anti B antibodies b) Anti A antibodies
c) Anti O antibodies d) Anti AO antibodies
- Q.2 Who discovered Rh blood group?
a) James b) Karl Landsteiner
c) Hektoen d) Richard
- Q.3 What are haptens?
a) Antigen b) hormones
c) acids d) all
- Q.4 What is molecular weight of IgE
a) 1,84,000 b) 1,90,000
c) 1,60,000 d) 1,50,000

Q.5 Expand CPD

- a) citrate phosphate dextrose
- b) counting process desk
- c) both
- d) none

Q.6 Which test is performed to check the compatibility of recipient and donor blood

- a) Vidal b) HCV
- c) HIV d) Cross matching

SECTION-B

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

- Q.7 Define hemolytic transfusion reaction.
- Q.8 In ABO blood grouping system the two types of antigens on RBC surface are _____ & _____
- Q.9 Expand FNHTR.
- Q.10 _____ and _____ are two methods for separation of blood components.
- Q.11 Define blood transfusion reaction.
- Q.12 Mention the range of Hb required for a blood donor.

SECTION-C

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

- Q.13 Write any method for determination of ABO group.
- Q.14 Explain any four general criteria for selection of blood donor.
- Q.15 Explain the principle and procedure of direct Coombs test.
- Q.16 Write the preparation, preservation and any three uses of fresh frozen plasma.
- Q.17 Outline the procedure for collection of the blood in blood bank
- Q.18 Write the important Historical date & Scientific Name in blood banking.
- Q.19 Give the Composition of CPD Anticoagulants.
- Q.20 Explain Albumin Test method.
- Q.21 Describe various components of blood.
- Q.22 Illustrate various types of cross matching.

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SECTION-D

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

- Q.23 Write a short note on following:
- a) Non immunological blood transfusion Reaction
 - b) Febrile Non Haemolytic transfusion Reaction
- Q.24 Write down the principle & procedure of Rh blood grouping?
- Q.25 What are antibodies. Give their classification.

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