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Roll No.

3rd Sem / Branch : MLT

**Subject:- Transfusion Medicine
(Blood Banking)**

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 rh blood group system is discovered by.....
a) James b) Karl Landsteiner
c) Hektoen d) Richard
- Q.2 What are haptens ?
a) Antigen b) Hormones
c) Acids d) All
- Q.3 How many types of comb test is ?
a) 01 b) 2
c) 3 d) 4
- Q.4 Small site present on antigen surface is _____
a) Atom b) Compound
c) Epitope d) None
- Q.5 HCV stands for
a) High carrier virus b) Hepatitis C virus
c) Both d) None
- Q.6 Name of a natural anticoagulant
a) Heparin b) Antiserum
c) Both d) None

(1) 181935/121935/031945

Q.7 Antigen that produce antibody is called _____

- a) Bone marrow b) Goblet
c) B cells d) All

Q.8 Which test is performed to check the compatibility of recipient and donor blood

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

Q.9 Expand CPD

- a) Citrate phosphate dextrose
b) Counting process desk
c) Both
d) None

Q.10 Which parasite causes the malaria

- a) Roundworm
b) Plasmodium
c) Both
d) None

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Expand ACD

Q.12 Give the name of antibody which occurs naturally

Q.13 Define haemolytic transfusion reaction

Q.14 Transfer of blood from one person to another is called _____

Q.15 Expand ELISA

Q.16 What are anticoagulants

(2) 181935/121935/031945

Q.17 Any substance that interacts with antibodies is called_____

Q.18 Mention the range of Hb required for a blood donor

Q.19 Define clot retraction.

Q.20 What is post transfusion purpura

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Expand EDTA & explain its Merit & Demerits

Q.22 Enlist the criteria for Rejection of a Donor

Q.23 Explain AHG Cross Matching Test

Q.24 What are antibody classify them.

Q.25 Outline the procedure for collection of the blood

Q.26 Give the principle of Indirect Coombs Test.

Q.27 Write the Importance of blood grouping

Q.28 Explain VDRL Test as screening method for blood transfusion

Q.29 Give the screening of blood Donor for MP

Q.30 Explain Blood Compatibility Test

Q.31 Define Antigen & explain any one type of antigen

Q.32 Write the important Historical date & names of Scientist in blood banking

Q.33 Write down the principle of Direct Coombs Test.

Q.34 Give the therapeutic uses of PRBC

Q.35 Give the composition of CPD Anticoagulants

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Write a short note on following:

i) Non immunological blood transfusion Reaction

ii) Febrile Non-Haemolytic transfusion Reaction.

Q.37 What is rejected Donor? Write ten points of rejection for donor?

Q.38 Write down the principle & procedure of RH blood grouping ?