

Roll no. _____

ID: 181935/121935/031945

Semester: 3rd

Branch: MLT

Subject Name: Transfusion Medicine (Blood Banking)

Time Allowed : 3 Hrs.

MM:100

Section –A

Note: Multiple Choice questions. All questions are compulsory.

10x1=10

- Q.1 VDRL test is an example of _____.
a) Tube Test b) Ring test
c) Slide test d) None
- Q.2 Who first transfused blood from man to man?
a) Syng Physick b) William
c) Karl John d) None
- Q.3 Expand HIV
a) Horse ill virus b) Harm inhabitant virus
c) Human immunodeficiency virus d) None
- Q.4 EDTA is an
a) Anticoagulant b) Antibody
c) Antigen d) None
- Q.5 Capacity of antigen to produce antibody is called _____.
a) Reaction b) Infection
c) Antigenicity d) None
- Q.6 What is AHG?
a) Antibody human Globulin b) Antihuman Globulin
c) Both d) None
- Q.7 Cross matching is of _____ types.
a) 1 b) 2
c) 3 d) 4
- Q.8 Expand ACD
a) Acid-citrate-dextrose b) Acquired cross doses
c) both d) None
- Q.9 Antibodies are _____ in nature.
a) Carbohydrate b) Protein
c) Fat d) Vitamin
- Q.10 Write the name of anticoagulants.
a) hormone b) CPD
c) Enzyme d) None

Section-B

Note: Objective type questions. All questions are compulsory.

10x1=10

- Q.11 What do you mean by agglutination?
- Q.12 Reaction between antigen and antibody is called _____.
- Q.13 Expand ELISA.
- Q.14 Mention the range of platelets required for blood donor.
- Q.15 What are anticoagulants?
- Q.16 Give the name of antibody which occurs naturally.
- Q.17 Expand AHG.
- Q.18 Define antigen antibody reactions.
- Q.19 What is Haptens?
- Q.20 Expand VDRL.

Section –C

Note: Short answer type Questions. Attempt any twelve questions out of fifteen questions.

12x5=60

- Q.21 Explain the type of antibody.
- Q.22 Write the three advantage and three disadvantage of heparin.
- Q.23 Explain screening of blood for VDRL.
- Q.24 Write about ABO blood grouping system.
- Q.25 Write seven points of health criteria for blood donor.
- Q.26 Explain Indirect Coombs Test.
- Q.27 Write the Non hemolytic transfusion reaction.
- Q.28 Define FFP & its uses.
- Q.29 Write down the preventions of HIV.
- Q.30 Write the Composition of Double Oxalate Anticoagulants.
- Q.31 Write a short note of HCV.
- Q.32 What is meant by blood banking?
- Q.33 Write the principle of platelet rich plasma.
- Q.34 List various blood components.
- Q.35 Write the procedure for screening of blood donor for VDRL.

Section-D

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

- Q.36 Write down the principle & procedure of RH blood grouping?
- Q.37 Write screening of blood donors for:
 - a) HIV
 - b) MP
- Q.38 Write down the different kind of blood transfusion reactions. Explain in Detail.