

No. of Printed Pages : 4
Roll No.

181935/121935/31945

MLT

Subject:- Transfusion Medicine

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Who discovered rh blood group?
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 type 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 Expand HCV
a) High carrier virus b) Hepatitis
c) virus d) None

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- Q.6 Name of a natural anticoagulant
a) Heparin b) antiserum
c) both d) none
- Q.7 Antigen that procedure 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) Vidal 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

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- Q.14 Transfer of blood from one person to another is called _____
- Q.15 Expand ELISA
- Q.16 What are anticoagulants
- 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 Define EDTA & explain its Merits & 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 Write the principle & importance of Indirect Coombs Test.
- Q.27 Write the Importance of blood grouping.
- Q.28 Explain Albumin Test method.
- Q.29 Screening of blood Donor for MP.
- Q.30 Explain Blood Compatibility Test.

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- Q.31 Define Antigen & explain any one type of antigen.
- Q.32 Write the important Historical date & Scientific Name in blood banking.
- Q.33 Write down the principle of Direct Coombs Test.
- Q.34 Explain Immune Mediated reactions
- 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:
- Non immunological blood transfusion Reaction
 - 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?

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