

- Q.29 Explain the principle and applications of Indirect Coombs test.
- Q.30 Explain AHG Cross Matching Test.
- Q.31 Write down about Albumin Test method.
- Q.32 Describe Screening of blood Donor for MP.
- Q.33 Define Antibody & explain any two Antibody.
- Q.34 Write the important Historical date & Scientific Name in blood banking.
- Q.35 Explain Immune Mediated reactions.

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 a short note on following:
- Non immunological blood transfusion reaction.
 - Transfusion Reaction due to circulatory overload.
- Q.38 Explain Requirement and procedure of blood collection in Blood Bank

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3rd Sem / 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 All anticoagulants binds Ca ion except.
- Heparin
 - Double oxalate
 - Sodium citrate
 - Platelets
- Q.2 Small site present on antigen surface is
- Atom
 - Compound
 - Epitope
 - None
- Q.3 The blood group among these is universal acceptor
- A
 - B
 - O
 - AB
- Q.4 Donor serum & patient cells are used in which type of cross matching?
- Major Cross Matching
 - Minor Cross Matching
 - Both I & II
 - None of above

- Q.5 The D antigen is present in
 a) Platelets b) RBCs
 c) WBCs d) None of these
- Q.6 The process of transfer of human blood is known as:
 a) Transfusion b) Processing
 c) Transporting d) Transferring
- Q.7 Storage period of blood with CPDA 1 is
 a) 28-35 days b) 1 year
 c) 7-14 days d) 10 days
- Q.8 Who discovered Rh blood group?
 a) James b) Karl Landsteiner
 c) Hektoen d) Richard
- Q.9 Which test is performed to check the compatibility of recipient and donor blood
 a) Vidal b) HCV
 c) HIV d) Cross matching
- 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 _____ test is also known as antiglobulin test

- Q.12 FFP stands for _____
- Q.13 Name the anticoagulants used in Blood Bank.
- Q.14 Define Transfusion?
- Q.15 Write two types of coombs test.
- Q.16 _____ discovered ABO blood group system.
- Q.17 Expand CPDA.
- Q.18 Write the composition of ACD solution.
- Q.19 Define haemolytic transfusion reaction.
- Q.20 Mention the range of Hb required for a blood donor.

SECTION-C

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

- Q.21 Write a short note on Cross Matching Test.
- Q.22 Explain the screening for VDRL test.
- Q.23 Write down the Types of Coombs Test.
- Q.24 Write a short note on Haemolytic transfusion reaction.
- Q.25 Write down the Medical Examination of a Donor.
- Q.26 Write the principle of platelet rich plasma.
- Q.27 Write the principle & importance of Indirect Coombs Test.
- Q.28 Write the procedure for screening of blood donor for VDRL.