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Roll No.

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 Syphilis can be screened by _____
a) VDRL 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 AIDS
a) Acid degrade syndrome
b) Aim inherent virus
c) Acquired Deficiency Syndrome
d) None
- Q.4 CPDA is an _____
a) Anticoagulant b) antibody
c) antigen d) chemical
- Q.5 Antigen to produce antibody is called _____

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- a) Reaction b) infection
c) antigenicity d) none

- Q.6 An individual can donate blood at an interval of _____
a) 2 Months b) 6 Months
c) Any time d) 10 Months
- Q.7 How many type of cross matching is
a) 1 b) 2
c) 3 d) 4
- Q.8 Expand ACD
a) Acid-citrate-dextrose
b) acquired cross doses
c) Acid-citrate-dexose
d) none
- Q.9 Immunoglobulin's are _____ in nature
a) Carbohydrate b) Protein
c) Fat d) Vitamin
- Q.10 Which is not an anticoagulant .
a) CPD b) EDTA
c) enzyme d) none

SECTION-B

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

- Q.11 What do you mean by precipitation reaction ?

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- Q.12 Whole blood is stored at temperature.
- Q.13 Expand ELISA
- Q.14 Mention the range of platelets required for blood donor.
- Q.15 Name any synthetic anticoagulant ?
- Q.16 Give the name of antibody which occurs naturally .
- Q.17 Expand AHG
- Q.18 Define antigen antibody reactions
- Q.19 What is apheresis ?
- 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 types of Immunoglobulin 's
- Q.22 Write the three disadvantage of heparin.
- Q.23 Explain screening of blood for dengue.
- Q.24 Write the importance of ABO blood grouping system.
- Q.25 Write seven point of health criteria for blood donor .
- Q.26 Give the uses of direct coombs Test.
- Q.27 Write the non hemolytic transfusion reaction.
- Q.28 What is FFP and gives 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 on HCV .
- Q.32 What is meant by blood transfusion .
- Q.33 Write the principle of platelet rich plasma.
- Q.34 Write in brief about the different 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 and precautions of blood grouping ?
- Q.37 Write screening of blood donors for
- 1) HIV
 - 2) Hbs Ag
- Q.38 Explain in detail about the different kind of blood transfusion reactions.