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181935/121935/031945

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 _____

- 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. $(12 \times 5 = 60)$

- Q.21 Explain the types of Immunoglobulin's
- Q.22 Write the three disadvantages 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. $(2 \times 10 = 20)$

- Q.36 Write down the principle , procedure and precautions of blood grouping ?
- Q.37 Write screening of blood donors for
1) HIV
2) HbsAg
- Q.38 Explain in detail about the different kind of blood transfusion reactions.