Mediquiz - 03 / 2021

Hematology

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1. One unit of RDP increases platelet count in an adult by :

a) 5000 b) 10000 c) 15000 d) 20000

2. Which of the following is true about von Willebrand Factor (vWF) ?

- a) It cross links platelets to each other.
- b) It is non-functional in large multimeric form.
- c) Plasma vWF is derived from platelets.
- d) It carries Factor VIII.

3. Which of the following can be given safely in pregnancy for prolonged period?

- a) Warfarin.
- b) Unfractionated heparin (UFH).
- c) Low Molecular Weight Heparin (LMWH).
- d) Acenocoumarol.

4. Which of the following matching is incorrect?

- a) Pencil cel (ovalocyte) Iron Deficiency Anemia.
- b) Spurr cell (Acanthocyte) Acute Kidney Injury.
- c) Burr cell (Echinocyte)-Chronic Kidney Disease.
- d) Tear drop cell (Dacrocyte) Myelofibrosis.

5. The earliest sign if Iron Deficiency Anemia is :

- a) Decreased TIBC.
- b) Decreased serum iron.
- c) Decreased serum Ferritin.
- d) Decreased % saturation of iron.

6. What is true about oral iron therapy?

- a) It should be coadministered with vitamin C.
- b) Maxium dosage is 300 mg of elemental iron per day.
- c) Maximum iron absorption occurs in terminal ileum.
 - d) Best given one hour before meal.

7. All of the following is true about Thalassemia Major except :

- a) Splenomegaly.
- b) Increased RDW.
- c) Presence of target cells in peripheral smear.
- d) Most common cause of mortality severe extravascular hemolysis.

8. Which of the following states habe most number of cases of HbE disease?

- a) Punjab
- b) Tamil Nadu
- c) West Bengal
- d) Bihar.

9. Which of following situation will lead to intravascular hemolysis?

- a) Group 'O' RBC transfused to Group A recipient.
- b) Group 'O' RBC transfused to Group AB recipient.
- c) Rh (+ve) RBC transfused to Rh (-ve) recipient.
- d) Group A RBC transfused to Group 'O' recipient.

10. What is true about concentrated RBC (Packed Cell) unit?

- a) It should be brought to normal room temperature before transfusion.
- b) It should be used within 30 minutes after removal from cold storage.
- c) It should be preserved at 4°C temperature if not used within two hours.
- d) The approximate volume required (ml) = Target rise of Hb (g/dl) x Body weight (kg) x 1.75

11. Immune destruction of platelets is seen in all, except:

- a. CLL
- b. SLE
- c. Hepatitis C
- d. DIC (Disseminated Intravascular Coagulation).

12. Eosinophilia is defined as absolute Eosinophil Count :

- a. >400 /cmm
- b. >500/cmm
- c. >600/cmm
- d. >700/cmm

13. Which of the following is true about Neutropenia?

- a. Neutrophil count <1000 /cmm in Aplastic anemia.
 - b. Rarely associated with vitamin B12 deficiency.
 - c. May be drug induced in Hyperthyroid patients.
 - d. Acute Myocardial Infarction may precipitate it.

14. Which is *not* associated with Fanconi's anemia?

- a. Hypopigmented patches on skin.
- b. Short stature.
- c. Upper limb abnormality.
- d. Hypogonadism.

15. All of the following may cause Megaloblastic anemia except ?

- a. Valproic acid.
- b. Methotexate.
- c. Rifampicin.
- d. Phenytoin.

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