

95 → 50 M. V. adras
Roll# 52

→ Selas Ahmed
→ 13182

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Complete
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Mcqs of hematopoietic
system

HbA₂ ↑ in A.
HbA₂ ↑ in HbF ↑

Mcq 1

- A 25 years male has 2 years history of arthralgias but no joint deformity. Patient looks pale on examination. Blood smear shows microcytic hypochromic RBCs. Levels of iron are within the normal ranges. HbA₂ level is raised. Which is most likely diagnosis?
- Infection with plasmodium
- Anemia of chronic disease
- Hemolytic anemia
- Beta thalassemia
- Iron deficiency anemia

MCQ 4

- A 50 years old man has developed chronic fatigue, weight loss and anorexia for past couple of months. There are no other remarkable findings on physical exam. Hg is 11.2, serum iron of 80 ug/dl, TIBC 145 ug/dl serum feritin 565 ng/ml. ANA test result is positive. Which is most likely diagnosis?
- Iron deficiency anemia
- Aplastic anemia
- Megaloblastic anemia
- Anemia of chronic disease
- Thalassemia

MCQ 5

- A 38 years old female , mother of 7 children , sweeper by profession feels tired and fatigued all the time. She looks pale. Her diet is very poor. Peripheral blood smear shows large RBCs. What is the most likely cause?
- Anemia of chronic disease
- Thalassemia
- Aplastic anemia
- ✓ • Megaloblastic anemia
- Vitamin C deficiency

MICQ 8

- A 57 years old male has recently developed petechiae. He also developed candida oral thrush. He looks pale. Labs show decrease in all cell lines. What is the first line of action against this disease?
- Immunosuppressive drugs
- Steroids
- Bone marrow transplantation
- Thrombopoitin analogue
- Radiotherapy

MCQ 9

- A 25 years old male has developed kidney dysfunction, Patient is also anemic. Immunoglobulins level is raised. Patient is diagnosed with multiple myeloma. Which electrolyte's level is most likely raised in this patient?
- Sodium
- Potassium
- Calcium
- Chloride
- Phosphorus

MCQ 12

• A 32 years old woman gives birth to a still born male at 34 weeks' gestation. Autopsy shows hepatosplenomegaly, effusions in all body cavities, generalized hydros. No congenital anomalies are noted. There is marked extramedullary hematopoiesis. Which of the following is found in the RBCs of the fetal RBC's?

- HgA
- HgA2
- Hg Bart's
- HgC
- HgE

MCQ 13

• A patient is suffering from cancer, his peripheral blood film indicates numerous blast cells and also CD19 surface, marker. The diagnosis is

- ALL
- AML
- CML
- CLL
- Hairy cell leukemia

MCQ 16

- A blood sample from the patient of polycythemia vera is sent for complete blood count, which of the following components will be reported within normal limits?
- WBCs
- Neutrophils
- Lymphocytes
- RBCs
- Monocytes

MCQ 17

- In which of the following conditions, platelets transfusion is indicated and effective?
- ITP
- DIC
- Splenomegaly
- Acute leukemia
- Multiple transfusions

MCQ 20

- Concerning DIC, following are correct except,
- DIC is primary as well as secondary hemostatic disorder
- Bleeding time is prolonged
- Prothrombine time is prolonged
- **APTT is normal**
- Widespread microthrombi can occur

MCQ 21

- A 20 year old lady has endotoxic shock after septic abortion, which of the following investigations is least likely to benefit

Clotting time

- FDPs
- Prothrombin time
- Platelet count
- Serial fibrinogen levels

MCQ 24

- The presence of which of the following findings excludes the diagnosis of idiopathic thrombocytopenic purpura
- Decreased platelet concentration
- Decreased hemoglobin
- Normal clotting profile
- Petechiae
- Splenomegaly

MCQ 25

- A 12 year old girl with a history with bruises and purpura,
- SLE
- Atopy
- Serum sickness
- Myasthenia gravis

• ITP

Idiopathic thrombocytopenic Purpura