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4th Sem.
Branch : DMLT
Sub.: Haematology-IV/Clinical Haema-IV

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

Q.1 Which haemophilia occurs due to the deficiency of factor VIII : Ag?

- a) Haemophilia-B
- b) Haemophilia-A
- c) Haemophilia-C
- d) None of these

Q.2 _____ requires coagulation tests

- a) Cell formation
- b) Coagulation studies
- c) To stop coagulation
- d) None of these

Q.3 Duke's Method is used to determine the _____ time?

- a) Clotting
- b) Bleeding
- c) Both A & B
- d) None of these

Q.4 After birth, Blood cells are produced in

- a) Kidney
- b) Bone Marrow
- c) Spleen
- d) Liver

Q.5 Which needles are used for Bone Marrow aspiration?
a) Salah's needle b) Klima's needle
c) Islam needle d) All of these

Q.6 Normal value of Thrombin time is _____ minutes.
a) 8-12 b) 12-19
c) 5-10 d) 1-5

Q.7 Extrinsic clotting pathway is initiated by
a) Platelets b) Hageman factor
c) Tissue thromboplastin d) Fibrinogen

Q.8 CSF is generally obtained from :
a) Lumber puncture b) Brain
c) GIT d) Lungs

Q.9 Which body fluid obtained from Joints?
a) CSF b) Synovial fluids
c) Pleural fluid d) None of these

Q.10 What is the normal Partial thrombin time?
a) 30-45 Minutes b) 5-10 Minutes
c) 14-19 Second d) 0-5 seconds

SECTION-B

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

- Q.11 Expand CRT.
- Q.12 CLL stands for _____.
- Q.13 Yellow bone marrow is a formation site of ___ cells.
- Q.14 Write the Normal range of Clotting times.
- Q.15 Give two symptoms of Acute Leukemia.
- Q.16 Define Thrombocytopenia?
- Q.17 What is the normal pH of Semen?
- Q.18 What is pleural fluid?
- Q.19 Expand AFB.
- Q.20 What is a clot?

SECTION-C

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

- Q.21 What is M : E ratio.
- Q.22 Give the role of vitamin K in haemostasis.
- Q.23 Write the name of any five bleeding disorders.
- Q.24 Write the procedure for platelet count.
- Q.25 Write the composition of Bone Marrow.

- Q.26 Give requirements and location of pericardial fluid collection?
- Q.27 Explain about FAB Classification?
- Q.28 Give the Lab diagnosis of Acute Myeloid Leukaemia.
- Q.29 Write about Tart cells.
- Q.30 Give the clinical significance of LE cell.
- Q.31 Write the Procedure of urine sample collection.
- Q.32 Explain Microscopic examination of CSF.
- Q.33 Write the composition of Synovial Fluid?
- Q.34 How we can do Pleural Fluid analysis?
- Q.35 Write the procedure of Duke Method?

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. **(2x10=20)**

- Q.36 Explain about the procedure of Bone marrow aspiration.
- Q.37 Write the Procedure of LE cell staining method.
- Q.38 Give the principal procedure and normal value of clotting time?