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Roll No.

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) Lumbar 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?