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Roll No.

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

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Which blood cells are essential for blood clotting.

- a) RBC b) WBC
- c) Platelets d) None of these

Q.2 Coagulation tests are done for _____

- 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 needle
- c) Islam needle d) All of these

Q.6 Normal value of clotting time is _____ minutes.

- a) 8-12 b) 12-15
- c) 5-10 d) 1-5

Q.7 Intrinsic 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 Pleural cavity?

- a) CSF b) Synovial fluids
- c) Pleural fluid d) None of these

Q.10 What is the normal thrombin time?

- a) 30-45 Minutes b) 5-10 minutes
- c) 14-19 second d) 0-5 second

SECTION-B

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

- Q.11 Expand APTT.
- Q.12 CML stands for _____
- Q.13 What is bone marrow?
- Q.14 Write the Normal range of Clotting times.
- Q.15 Give two symptoms of Leukemia.
- Q.16 Define Thrombocytosis?
- Q.17 What is the normal pH of Semen?
- Q.18 What is pleural fluid?
- Q.19 Expand CSF & AFB.
- Q.20 Define clot?

SECTION-C

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

- Q.21 Draw the structure of spermatozoa.
- Q.22 Give the role of vitamin K in haemostasis.
- Q.23 Write the composition of synovial fluid.
- Q.24 Write the procedure for Prothrombin Time.
- Q.25 Write the composition of Bone Marrow.

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- Q.26 Give the physical characteristics of pericardial fluid?
- Q.27 Explain about FBA Classification?
- Q.28 Give the Lab diagnosis of Acute Myeloid Leukaemia.
- Q.29 Write about Tart cells.
- Q.30 Write the clinical significance of LE cell.
- Q.31 Write the Procedure and guidelines of semen sample collection.
- Q.32 Explain Microscopic examination of CSF.
- Q.33 Write the properties and 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 type questions. Attempt any two questions out of three questions. (2x10=20)

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

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