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Roll No.

4th Sem / DMLT

Subject:- Haematology - IV / Clinical Haema - IV

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 What is the normal Bleeding time?
a) 30-45 Minutes b) 1 - 7 minutes
c) 10 -13 second d) 0 -5 seconds
- Q.2 What is Bone marrow?
a) Soft, spongy tissue
b) Cell
c) Sensory organ in brain
d) None of these
- Q.3 Which method is used to determine the Clotting Time?
a) Lee-White Method b) Duke's Method
c) Both A& B d) None of these
- Q.4 Which staining is used to examine the presence of iron content in bone marrow smear?
a) Perl's Staining b) AFB Staining
c) Both A and B d) None of these

- Q.5 When blood vessels is damaged, bleeding stops by a process called:
a) Coagulation b) Hemostasis
c) Bleeding time d) Clotting time
- Q.6 What is the normal Liquefaction time of semen?
a) 30-45 Minutes b) 15-20 minutes
c) 10-13 second d) 0-5 seconds
- Q.7 In which year FAB classification of ALL was introduced?
a) 1946 b) 1988
c) 1976 d) 1968
- Q.8 CSF is generally obtained from:
a) Lumber puncture b) Brain
c) GIT d) Lungs
- Q.9 XIII is activated by _____ into XIIIa.
a) Naturally activation
b) Thrombin
c) Tissue thromboplastin
d) None of these
- Q.10 What is the normal clot retraction time ?
a) 1 hour b) 24 hour
c) 48 hour d) 72 hour

SECTION-B

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

- Q.11 What is Acute Leukaemia.
- Q.12 Expand FAB classification.
- Q.13 What is Liquefaction time?
- Q.14 Expand CT & BT.
- Q.15 What is Tart Cell?
- Q.16 Synovial fluid is obtained from _____?
- Q.17 What is CSF?
- Q.18 Name two types of Bone marrow?
- Q.19 Expand ALL & CLL?
- Q.20 Normal THROMBIN TIME is _____

SECTION-C

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

- Q.21 Define Hemostasis and write their various stages.
- Q.22 Clinical importance of Bleeding time.
- Q.23 Write the clinical significance of Bone marrow?
- Q.24 Principle and procedure for Thrombin Time.
- Q.25 Write the various symptoms of Leukemia's?
- Q.26 Explain demonstration of LE cell in brief.
- Q.27 Explain Microscopic examination of synovial fluid.

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- Q.28 Pearl's Prussian Blue for Iron staining.
- Q.29 Normal findings of Pleural Fluid.
- Q.30 Explain Hess test in brief.
- Q.31 Explain Lab diagnosis of CML
- Q.32 Write a short note on Semen analysis?
- Q.33 Explain Prothrombin Time Index.
- Q.34 Draw the abnormal morphology of Sperm.
- Q.35 Explain cell count of CSF.

SECTION-D

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

- Q.36 Explain Principle, Procedure and clinical significance of Bleeding Time by Duke's method.
- Q.37 Explain demonstration of LE Cell with principle, procedure & Clinical significance.
- Q.38 Explain Leukemia's in detail.

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