

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Describe the mechanism of blood coagulation by giving flow chart.
- Q.24 Explain demonstration of LE Cell with principle, procedure & clinical significance.
- Q.25 Explain Bone marrow aspiration in detail.

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Roll No.

**4th Sem./ DMLT, DMLT
(For Speech and Hearing Impaired)
Subject : Clinical Haematology - II**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 What is marrow?
- a) Hardest cartilage connective tissue
 - b) Exterior of the bones
 - c) Marrow is a sensory organ in brain
 - d) None of these
- Q.2 CSF is generally obtained from:
- a) Lumber puncture b) Brain
 - c) GIT d) Lungs
- Q.3 The method used for clothing time determinations is:
- a) Duke b) Ivy
 - c) Lee White d) None of these

Q.4 What is the normal %age of spermatozoa in seminal fluids?

- a) 4-10% b) 50-60%
- c) 20-45% d) None of these

Q.5 The process in which bleeding stops from an injured blood vessels is known as _____

- a) Haemostasis b) Haematology
- c) Leukocytosis d) None of these

Q.6 LE cells in blood are found in

- a) Malaria b) Myeloma
- c) Viral infections d) All of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 AML stands for _____.

Q.8 In adult bone marrow can be collected from Sternum and _____.

Q.9 Full form of A.P.T.T. is _____

Q.10 Write the full form of S.L.E. is _____

Q.11 Ph. of normal semen sample should range is _____ to _____.

Q.12 Name of bone marrow Biopsy needles.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain Hemostasis and their various stages.

Q.14 Explain the FAB classification of Leukemia.

Q.15 Draw a labeled diagram of LE cell and tart cell.

Q.16 Explain Perl's staining.

Q.17 Explain the microscopic examination of synovial fluid.

Q.18 Write the procedure of Hess Test?

Q.19 Write the six differences between acute myeloid (AML) & Chronic myeloid leukemia (CML).

Q.20 Write a short note on Semen analysis.

Q.21 Write the function of Bone marrow.

Q.22 Write the principal of Latex agglutination test for LE factor.