

LORD SHIVA COLLEGE OF PHARMACY, SIRSA
DMLT 4TH SEMESTER
SUBJECT: HAEMATOLOGY

Section-A

1. Very short answer types questions. attempt any 15
 - i. What is Leukemia
 - ii. Define prothrombin
 - iii. Give the normal values of PT&PTTK
 - iv. Give the requirements for BT test normal values of by Dukes method
 - v. Difference between LE & Tart cell
 - vi. Haemostatic - Define
 - vii. Give the significance of the clot retraction time
 - viii. Explain the term
 - ix. Define coagulation
 - x. Composition of CSF
 - xi. Write any two functions of bone marrow.
 - xii. What is fibrinolysis?
 - xiii. What is normal range of sperm count?
 - xiv. Full form of FAB.
 - xv. What is Bone marrow
 - xvi. Normal value Bleeding time.
 - xvii. Principle for Hess test
 - xviii. Bone marrow

Section-B

2. Short answer types questions. attempt any 10
 - i. Explain the structure/Method /function of bone marrow
 - ii. Write short note on formation of LE cell
 - iii. Give the FAB classification of CML
 - iv. Explain the processing of CSF sample
 - v. Define platelets. What are their roles in Haemostasis
 - vi. Give principle & method to detect clotting time
 - vii. Explain the mechanism of blood coagulation
 - viii. Give significance of clot retraction test
 - ix. Give interpretation of urine routine examination
 - x. Explain the term SLE.
 - xi. Explain the principle of HESS Test.
 - xii. Give the significance of PT
 - xiii. Give the requirements of bone marrow collection
 - xiv. Give the procedure of perl's reaction.
 - xv. List the requirements for IVY method .

Section-C

Note: Long answer types questions. Attempt any 3

1. Describe the principle, procedure, normal values and clinical importance of prothrombin time
2. Write clinical significance sample. Principle, the requirements &, procedure of L.E. cell examination
3. Give principal, method & clinical significance of clot retraction test
4. Explain the FAB classification of leukaemia
5. Explain the staining methods of bone marrow smear preparations

LSCP