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221916

**1st Sem / DMLT, DMLT
(For Speech and Hearing Impaired)
Subject : Introduction of Haematology**

Time : 3 Hrs. M.M. : 60

SECTION-A

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

Q.1 Glacial acetic acid as a diluting fluid is used for counting of:

- a) WBC
- b) RBC
- c) Platelets
- d) All of these

Q.2 The cell counted by neubauer counting chamber are:

- a) RBC
- b) WBC
- c) Platelets
- d) All of these

Q.3 Blood is mixed with _____ for calculation of HP in sahil's method

- a) Drabkin's reagent
- b) N/10 HCl
- c) Sodium
- d) none of these

Q.4 Normal range of WBC in blood is _____

- a) 7000-11000/cumm
- b) 100000-200000/cumm
- c) 1000-3000 / cumm
- d) None of these

Q.5 DLC stands for _____

- a) direct leukocyte count
- b) differential leukocyte count
- c) direct liquid count
- d) direct leukocyte concentrate

Q.6 The WBC pipette has graduations upto mark _____

- a) 10
- b) 102
- c) 101
- d) 11

SECTION-B

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

Q.7 In case of WBC counting, the ratio of blood: diluting fluid is _____

Q.8 Expand TLC

(1)

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(2)

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Q.9 Neutrophils nucleus have _____ lobes.

Q.10 RBC count _____ in anaemia.

Q.11 Full form of PBF is _____.

Q.12 Leishman stain is a _____ stain.

SECTION-D

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

Q.23 Explain give the principle and types of Romanowsky stain. Explain anyone in detail.

Q.24 Write a note on blood cell counter.

Q.25 Write a note on different types of anticoagulants. Explain any two with their merits and demerits.

SECTION-C

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

Q.13 Give the mode of actions of EDTA anticoagulant.

Q.14 Explain structure and uses of RBC and WBC pipette.

Q.15 Write about the various glasswares used in haematology laboratory?

Q.16 Write a note on working of vacutainers.

Q.17 Describe the method for collection of capillary blood?

Q.18 Write different stages of thrombopoiesis.

Q.19 Define blood and given its function.

Q.20 Enlist the various equipments used for venous blood collection.

Q.21 Write a short note on leukopoiesis.

Q.22 Write down about properties of good blood film.