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Roll No.

1st Sem. Branch: DMLT
Sub : Introduction to Haematology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Formation of Platelets is known as _____?

- a) Thrombopoiesis b) Leukopoiesis
- c) Erythropoiesis d) None of these

Q.2 What is the normal pH of Blood?

- a) 5.7 b) 7.4
- c) 6.0 d) None of these

Q.3 Which anticoagulant is mostly used for CBC?

- a) EDTA b) Sodium citrate
- c) Heparin d) None of these

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Q.4 Which one is used during venous Blood collection?

- a) Tourniquet b) Beaker
- c) Pipettes d) None of these

Q.5 Which anticoagulants used in Blood Banking?

- a) CPD b) ACD
- c) Both A & B d) None of these

Q.6 Which one is the suitable site for capillary puncture?

- a) Median Cubital Vein b) Finger Tip
- c) Both A & B d) None of these

SECTION-B

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

Q.7 Formation of Erythrocytes inside human body is known as _____.

Q.8 Define Anticoagulant.

Q.9 What is the normal life span of RBC?

Q.10 Which natural anticoagulant is found inside human body?

Q.11 Define Leukopoiesis.

Q.12 Define Blood Smear.

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SECTION-C

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

- Q.13 Write the various function of blood.
- Q.14 Draw and write the uses of Hb., RBC and WBC Pipette.
- Q.15 Define Plasma and write there compositions.
- Q.16 Describe Non-Calcium chelators anticoagulants.
- Q.17 Describe selection and preparing the vein puncture site.
- Q.18 Write the materials & Equipments required for capillary puncture.
- Q.19 Describe Vacutainer system in brief.
- Q.20 Write the procedure of preparation of Thick blood film.
- Q.21 Describe Romanowsky stain in brief.
- Q.22 Describe Thrombopoiesis in brief.

SECTION-D

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

- Q.23 Describe Development stages of Erythrocyte in detail.
- Q.24 Expalain various anticoagulant vials/tubes with their color code and uses.
- Q.25 Expalin Requirement, Preparation and procedure for capillary blood collection.