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BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – B.Sc.(MLT)-2022
Course Name – Hematology
Course Code - BMLTC201
(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) What is the full form of PCV
- a) Percentage of white blood cells in circulating blood b) Percentage of platelets in whole blood
c) Percentage of Cerebrospinal Volume d) None of these
- (ii) Which of the following are likely to increase in quantities when the body is under attack from bacteria?
- a) Erythrocytes b) Lymphocytes
c) Thrombocytes d) None of these
- (iii) What is the nature of Blood ?
- a) Acidic b) Slightly alkaline
c) Composed mostly of white blood cells & platelets d) Cooler than body temperature
- (iv) Which blood cells secretes antibody?
- a) Eosinophils b) Monocytes
c) Lymphocytes d) Neutrophils
- (v) What anticoagulants is used for most coagulations tests?
- a) Heparin b) EDTA
c) Wafarin d) Apixaban
- (vi) Select the correct full form of PCV
- a) Packed Cell Volume b) Packed corpuscular volume
c) Major cancer cell volume d) Mean cytochrome volume

11. Recommend 3 signs you might see on examination of a patients' face, skin, and nails that are associated with iron deficiency anaemia. (5)

12. Design a flow chart from sample collection to blood collection in pathological laboratory (5)

OR

Compare between Hemolytic anemia and Megaloblastic anemia (5)
