



Library
Department of Allied Health Sciences
Brainware University
Barasat, Kolkata- 700125

BRAINWARE UNIVERSITY

Term End Examination 2025-2026
Programme – DMLT-2023/DMLT-2024/DMLT-2025
Course Name – Hematology
Course Code - DMLT202
(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) Black colour Vial is associated with:
 - a) ESR Estimation
 - b) Hb Estimation
 - c) TC/DC
 - d) Coagulation studies
- (ii) Name the anticoagulant that is used for Blood banking:
 - a) EDTA
 - b) 3.2% Sodim Citrate Vial
 - c) 3.8% Trisodium Citrate
 - d) Heparin Vial
- (iii) Select which of the following blood cells play an important role in blood clotting:
 - a) Erythrocytes
 - b) Lymphocytes
 - c) Monocyte
 - d) Thrombocyte
- (iv) Identify the Total RBC count for women:
 - a) 2-3 million
 - b) 3.5-4 million
 - c) 5-6 million
 - d) 6-7 million
- (v) The average amount of Hemoglobin in Red cell can be identified as _____.
 - a) MCV
 - b) MCH
 - c) MCHC
 - d) HCT
- (vi) A Patient may be interpreted as "Thrombocytopenia" when there is:
 - a) Abnormal increase of Erythrocytes
 - b) Abnormal increase of Platelets
 - c) Abnormal decrease of Thrombocytes
 - d) Abnormal decrease of Leukocytes
- (vii) Turk fluid is associated with _____.
 - a) TRBC Count
 - b) TLC Count
 - c) DC Count
 - d) TPC Count
- (viii) Identify the physiological condition that indicates high PCV:
 - a) During pregnancy
 - b) Prolonged bed rest
 - c) Polycythemia of the new born
 - d) Anemia
- (ix) Select the name in which anemia MCV & MCH is higher than normal and MCHC is normal:

