

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DCP 0522)

MAY 2022

Sub. Code: 3010

DIPLOMA IN CLINICAL PATHOLOGY (DCP) EXAMINATION

HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

Q.P. Code: 343010

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Define acute leukemia. Discuss the WHO classification, morphology, cytogenetics and immunophenotyping of AML.
2. Discuss the latest Bethesda classification for reporting thyroid cytopathology.

II. Write notes on:

(10 x 7 = 70)

1. Pernicious Anaemia
2. Automation in clinical pathology
3. Discuss the role of lab tests in diagnosis OA.
4. Discuss urine sediment examination
5. Arnett count
6. Reticulin special stain
7. Bone Marrow Aspiration
8. Hairy cell leukemia
9. Bronchial wash
10. Microarray application & technology.
