

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

[AHS 0522]

MAY 2022

Sub. Code: 3503

POST GRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

(From 2014-2015 onwards)

PAPER III – BLOOD BANK SERVICES AND QUALITY CONTROL

Q.P. Code : 363503

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2x20=40)

1. a) Define Anemia. Discuss the causes and laboratory findings of Autoimmune Hemolytic Anemia.
b) Add a note on red cells indices.
2. What is quality control? Describe measures taken for quality control in the manufacture of blood components in the blood bank.

II. Write notes on:

(10x6=60)

1. Vacutainers blood collecting system and their usage.
2. Von willebrands disease.
3. Adverse reactions in blood donors.
4. Coomb's reagent.
5. Leuko reduction methods.
6. Bio-Medical waste management.
7. Blood collection monitor.
8. HIS/LIS.
9. Blood spillage in LAB FLOOR management.
10. Draw picture of IgM antibody and mention its significance in blood banking.
