

[LQ 1019]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 3503

P.G. DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY EXAMS

PAPER III- BLOOD BANK SERVICES AND QUALITY CONTROL

QP 363503

Time: Three hours

Maximum : 100 Marks

I. Elaborate on

(2 x 20 = 40)

1. The principle of the ELISA test and its use in the blood bank.
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. How to manage a blood spill from a test tube that broke inside the centrifuge
2. Personal protective equipment
3. Bombay blood group
4. The difference between IgM and IgG antibodies
5. Anti-globulin crossmatch
6. Rh blood group system
7. Platelet rich concentrates
8. Donor screening for haemoglobin
9. Monoclonal antibodies
10. Autologous transfusion
