

2021

BMLT

(B.Sc. Fifth Semester End Examination-2021)

PAPER-XXIX (Theory)

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

Blood Transfusion and Blood Bank

Group-A

- 1. Answer any five questions of the following: 5x2= 10**
- a. What is 'Golden Blood Group'? 2
- b. How can you obtain Anti A₁ and Anti H in Laboratory? 2
- c. Write down the nomenclature of Rh system by Fisher and Race model.
- d. Write down any four blood groups other than 'ABO' system & 'Rh' typing. 2
- e. What is AHG? 2
- f. Write down the full form of TA GVs HD and TACO. 2
- g. Write down the composition of cryoprecipitate. 2
- h. What is apheresis? 2

(2)

Group-B

2. Answer any four questions of the following: **5x4 = 20**
- a. Write down the uses of FFP and RDP. $2\frac{1}{2} + 2\frac{1}{2}$
- b. What are the advantages and disadvantages of malaria test by 'Rapid Diagnostics kits'. $2\frac{1}{2} + 2\frac{1}{2}$
- c. Write down a short note about platelet preservation. What are drawbacks of it? 4+1
- d. Write a short note about GV's HD. 5
- e. Write the definition of the followings:
Standard deviation, Positive Control, co-efficient variance, Sensitivity and specificity. 5x1
- f. What are the adverse effects occurred on preserve RBC in blood bank? 5

Group -C

Answer any one question of the following: **10x1 = 10**

- a. How can you prepare and preserve of cryoprecipitate in blood Centre. 8+2
- b. Write down about different types of acute immunologic transfusion reaction as adverse effects of transfusion in the recipient. 10
