

2054

B. Voc. (Medical Lab Technology)
Sixth Semester

BMLT-602: Sensitization to Blood Banking and infection Control

Time allowed: 3 Hours

Max. Marks: 80

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Answer the following:-

- a) What is Rh blood group system?
- b) Enlist major components of blood.
- c) What precautions are to be taken in blood transfusion procedures?
- d) How safe blood transfusion can be ensured?
- e) How blood can be stored?
- f) What is a immunoglobulin?
- g) What is incubation phase of a disease?
- h) What are hospital borne infections? (8x2)

UNIT - I

- II. What is ABO blood group system? Discuss methods of blood group identification. (16)
- III. Discuss in details composition of blood and their respective range. (16)

UNIT - II

- IV. Discuss techniques for efficient blood transfusions. (16)
- V. How different components of the blood can be transfused? (16)

UNIT - III

- VI. Discuss in details the concept of immuno haematology. (16)
- VII. Give in details different types of serum immunoglobulin. (16)

UNIT - IV

- VIII. Discuss in details various paths of disease transmissions with appropriate examples. (16)
- IX. Write notes on:-

- a) Needle stick injury
- b) Opportunistic organisms (16)

x-x-x