



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
THIRD YEAR FIRST SEMESTER EXAMINATION- FEBRUARY 2017
MLSMT 3144 MEDICAL LABORATORY TECHNOLOGY 2

Date: 15.02.2017

Time: 3 Hours

ANSWER ALL EIGHT QUESTIONS.

1.
 - 1.1 Name three bloodborne pathogens. (15 Marks)
 - 1.2 Describe the ways of transmission of the blood borne pathogens and the preventive measures that should be taken in a clinical laboratory. (40 Marks)
 - 1.3 Describe briefly the measures that should be followed after an occupational exposure of blood borne pathogen. (45 Marks)

2. Write notes on
 - 2.1 Personnel protective equipments (PPE). (50 Marks)
 - 2.2 Storage of chemicals. (50 Marks)

3. Write an account on
 - 3.1 Biosafety level 2 facilities. (40 Marks)
 - 3.2 Biosafety level 3 containment. (60 Marks)

4. Write an account on the
 - 4.1 Sterilization procedures followed in clinical laboratories. (50 Marks)
 - 4.2 Disinfection procedures followed in clinical laboratories. (50 Marks)

5. Write notes on
 - 5.1 Sharp disposal in clinical laboratories. (50 Marks)
 - 5.2 Equipment related hazards and prevention. (50 Marks)

6.

6.1 Describe how you would transfer a blood sample from a clinical laboratory to a reference laboratory. (50 Marks)

6.2 Explain briefly the responsibilities of the persons involved in sample transportation. (50 Marks)

7.

7.1 List five common causes for fire in clinical laboratories. (20 Marks)

7.2 Describe different types of fire extinguishers. (40 Marks)

7.3 Describe the preventive measures to be taken to prevent fire accidents in clinical laboratories. (40 Marks)

8.

8.1 List the items that should be in a biological spill kit. (30 Marks)

8.2 Describe the steps to be taken to clean a blood spill on a working bench. (30 Marks)

8.3 Write notes on good laboratory practice. (40 Marks)

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