

**SET
A**

**BACHELOR OF MEDICAL LABORATORY
TECHNOLOGY
FIFTH SEMESTER
FUNDAMENTAL OF LABORATORY SAFETY
BMLT – 501 [SPECIAL REPEAT]
[USE OMR SHEET FOR OBJECTIVE PART]**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

(Objective)

Marks: 20

Choose the correct answer from the following:

1×20=20

- Which is the laboratory acquired infection group of virus
 - Lasa virus
 - Herpes virus
 - Adeno virus
 - Influenza virus
- When the alkalis spill over the surface of the medium it should be bath with
 - 5% acetic acid
 - Diluted Dettol
 - Sodium Carbonate
 - None
- Full form of JLAHO
 - Joint Commission on Accreditation of health care organization, Japan
 - Joint Commission on Accreditation of health care organization, UAE
 - Joint Commission on Accreditation of health care organization, USA
 - Joint Commission on Accreditation of health care organization, Spain
- E. coli* is what type of flora
 - Resident flora
 - Transient flora
 - Normal Flora
 - None
- Full form of MOEF
 - Ministry of ecology and Forest
 - Ministry of environment and Forest
 - Ministry of environment and Fossil
 - Ministry of environment and Fuel
- Novel Corona virus is a
 - Single stranded DNA virus
 - Double stranded RNA virus
 - Single stranded RNA virus
 - Double stranded DNA virus
- The main route of Tubercle bacilli to enter in the body by?
 - Inhalation
 - Infection
 - Both a & b
 - None
- Concentration of alcohol used In sanitizer is
 - 100%
 - 40%
 - 70%
 - 99%

9. Ingestion means
 - a. Accidentally swallowed
 - b. Injection
 - c. Nasal Spray
 - d. ointment
10. Alcohol is a
 - a. Acid & Base
 - b. Base
 - c. Acid
 - d. None
11. Flammable materials , like alcohol , should never be dispensed or used near
 - a. An open door
 - b. An open flame
 - c. Another student
 - d. A sink
12. If your instructor is injured during a lab, who can you call
 - a. 911
 - b. The office
 - c. School nurse
 - d. All of the above
13. After finishing up a lab you should
 - a. Clean the equipment and leave them on the table for the next class
 - b. Let the partner who did not do the lab work should clean up
 - c. Clean the equipment and wipe down all the tables top
 - d. Sneak out the classroom and hope no one will notice
14. The following are physical hazards agent
 - a. Electricity
 - b. Falls
 - c. inhalation
 - d. All of the above
15. To dispose chemicals
 - a. Follow the instructions
 - b. Throw them in a trash
 - c. Burn them in a burner
 - d. Wash them down the sink
16. If you come into the class/practical room with gum or candy
 - a. Offer some to the teacher
 - b. Split it out before the lab begins
 - c. Spilt it out after the lab hour
 - d. Wait until the teachers calls on you
17. Before the procedure of any sample collection you should take
 - a. Consent form
 - b. Simply collect the sample
 - c. Ignore the sample
 - d. None
18. Keep all work areas
 - a. Clean
 - b. organized
 - c. Clear all the unnecessary materials
 - d. All the above
19. Which of the following footwear is most appropriate for the lab
 - a. Sandals
 - b. Open toed shoes
 - c. Close toed shoes
 - d. Shoes appropriate for the lab
20. In a laboratory, the following should not be worn
 - a. Nylon clothes
 - b. Jewelery
 - c. High hills
 - d. All of the above

(Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Write the normal microbial flora of the human body. 10
2. Write the procedure and precaution of Blood collection 10
3. What is laboratory safety and safety signs? Define first aid and what are the rules of first aid. 5+5=10
4. What is waste management & write down the steps of waste management. 2+8=10
5. What are the routes of chemical exposure in human body & what is hazardous substance. Name them? 3+2+5
=10
6. What is infection and write a note on laboratory acquired infection? 2+8=10
7. What is TQM and explain elaborately? 3+7=10
8. What is compressed gas, guidelines to store and why it is used. Note on Laboratory Hood. 5+5=10

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