



RAN - 1803000201030071



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F. Y. B. Sc. (Sem. - I) Examination

March - 2023

MLT:01 - Organization of Clinical Laboratory

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

F. Y. B. Sc. (Sem. - I)

Name of the Subject :

MLT:01 - Organization of Clinical Laboratory

Subject Code No.: **1803000201030071**

Seat No.:

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Student's Signature

(2) All questions are compulsory.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ
O.M.R. Sheetની પાછળ છાપેલ છે.***

***Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

SET - 1 (A)

- Q. 1. Which organisms are included in BSL 1?
- A. Escherichia coli
 - B. Bacillus subtilis and Bacillus megaterium
 - C. Non-virulent strain of *Escherichia coli* and *Bacillus subtilis*
 - D. Ebstein Barr virus
- Q. 2. Personal health and safety measures includes:
- A. Practice of personal hygiene
 - B. Wearing of protective clothing
 - C. Protective inoculations and medical examination
 - D. All of the above
- Q. 3. In which of the following hazard is inhalation of aerosols included?
- A. Microbial hazard
 - B. Equipment hazard
 - C. Explosion hazard
 - D. Chemical hazard
- Q. 4. What is the recommended temperature and time of the autoclave for decontaminating and disposing laboratory wastes?
- A. 180°C for 25 mins
 - B. 121°C for 15 mins
 - C. 191°C for 70 mins
 - D. 101°C for 100 mins
- Q. 5. All are objectives of a laboratory health and safety programme except:
- A. To identify hazards in work place
 - B. To prepare but not implement a effective code of safe laboratory practice
 - C. All laboratory accidents are reported
 - D. To promote safety awareness

Q. 6. The given symbol represents.



- A. Fire explosion
- B. Biohazard
- C. Radiation hazard
- D. Corrosive chemicals

Q. 7. What is not a component of First Aid Kit?

- A. 10g% iodine
- B. A pair of scissors
- C. Tincture iodine: 1 g% iodine in 95% alcohol
- D. Disinfectant solution (Diluted Dettol)

Q. 8. Which equipment is used to eliminate or reduce aerosols and splattering of microorganisms?

- A. Face shield
- B. Hot air oven
- C. Incubator
- D. Biological safety cabinet

Q. 9. Which viruses are classified in Biosafety level 4?

- A. Lassa
- B. Ebola
- C. Marburg
- D. All of the above

Q. 10. Full form of MLT is:

- A. Medical laboratory test
- B. Medical Laboratory technology
- C. Medical laboratory technician
- D. Medical laboratory technologist

Q. 11. Communication with patients is required to _____.

- A. Prevent misunderstandings and errors
- B. Feel patients secure
- C. Make patients friend
- D. All of the above

- Q. 12.** Ethics is:
- A. Professional and personal rules of conduct
 - B. Patient's right to information
 - C. Moral obligation towards human beings
 - D. All of the above
- Q. 13.** Following is not a test included in Hematology laboratory,
- A. Blood count
 - B. DLC
 - C. SGPT
 - D. ESR
- Q. 14.** Blood bank performs following tests except:
- A. Blood grouping
 - B. Blood typing
 - C. Compatibility testing
 - D. Bilirubin
- Q. 15.** Total HDL and LDL cholesterol estimation is included in:
- A. Kidney function test
 - B. Liver function test
 - C. Blood banking
 - D. Lipid profile test
- Q. 16.** It is not a job of the clinician is,
- A. Requests tests
 - B. Plans Therapy
 - C. Runs the tests and provide the results
 - D. Interprets results
- Q. 17.** Full form of SG:
- A. Specific goal
 - B. Special goal
 - C. Special gravity
 - D. Specific gravity
- Q. 18.** PCV stands for:
- A. Packed Cell volume.
 - B. Packed Cellular Volume.
 - C. Pocket Cell Volume.
 - D. Pocket Cellular volume

- Q. 46.** Good laboratory practice is an essential element for _____.
- A. Quality Accordance Programme
 - B. Quick Assurance Programme
 - C. Quality Management Programme
 - D. Quality Assurance Programme
- Q. 47.** Which of the following is not a waste treatment method for biomedical wastes?
- A. Incineration
 - B. Chemical disinfecting
 - C. Autoclaving
 - D. Sieving
- Q. 48.** Which are common hazards in district laboratory?
- A. Unsafe premises and naked flame
 - B. Microbial, chemical, glassware and sharp hazards
 - C. Equipment and explosion hazards
 - D. All of the above
- Q. 49.** Broken glasses can cause all except:
- A. Cuts
 - B. Bleeding
 - C. Fire
 - D. Infection
- Q. 50.** What is the full form of NIH?
- A. Natural Institute of Health
 - B. National Inspiration for Health
 - C. National Institute of Health
 - D. Natural Inspiration for Health
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SPACE FOR ROUGH WORK