



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)

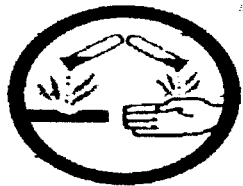
- Q. 1.** Full form of MLT is:
- A. Medical laboratory test B. Medical Laboratory technology
C. Medical laboratory technician D. Medical laboratory technologist
- Q. 2.** Communication with patients is required to _____.
- A. Prevent misunderstandings and errors
B. Feel patients secure
C. Make patients friend
D. All of the above
- Q. 3.** 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. 4.** Following is not a test included in Hematology laboratory,
- A. Blood count B. DLC
C. SGPT D. ESR
- Q. 5.** Blood bank performs following tests except:
- A. Blood grouping B. Blood typing
C. Compatibility testing D. Bilirubin
- Q. 6.** 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. 7.** 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. 8.** Full form of SG:
- A. Specific goal
 - B. Special goal
 - C. Special gravity
 - D. Specific gravity
- Q. 9.** PCV stands for:
- A. Packed Cell volume.
 - B. Packed Cellular Volume.
 - C. Pocket Cell Volume.
 - D. Pocket Cellular volume
- Q. 10.** The patients in India are poor in terms of:
- A. Nutrition
 - B. Education
 - C. Transport and housing facility
 - D. All of the above
- Q. 11.** What is Homeostasis?
- A. Maintenance of Biomolecule
 - B. Maintenance of blood cells
 - C. Balance of normal healthy condition
 - D. None of above
- Q. 12.** Who are physicians?
- A. The person who finds the cause of illness.
 - B. The person who performs laboratory test.
 - C. The person responsible for diagnosing the patients.
 - D. A and C both

- Q. 13.** For preparation of most of the reagents and solutions in the laboratory, what is used as a solvent?
- A. Water
B. Reagent grade water
C. Tap water
D. Sterile water
- Q. 14.** The negative log of the hydrogen ion concentration is:
- A. Buffer
B. pI
C. pH
D. pK
- Q. 15.** If the glassware is contaminated or clotted with organic matter, it must be cleaned using _____.
- A. Acetic acid
B. Sulphuric acid
C. Chromic acid
D. Sodium chloride
- Q. 16.** Conical flask is also known as:
- A. Volumetric flask
B. Erlenmeyer flask
C. Flat bottomed round flask
D. Round bottomed round flask
- Q. 17.** What is full form of GPR?
- A. Guaranteed purpose reagent.
B. Guaranteed preparation reagent.
C. General purpose reagent.
D. General preparation reagent.
- Q. 18.** _____ are long graduated tube of uniform bore and closed at lower end with glass stopper.
- A. Drop bottle
B. Reagent bottle
C. Burettes
D. Wash bottle
- Q. 19.** To prepare 500 ml of 5 % acetic acid from concentrated acetic acid (100%), how much of acetic acid do you need?
- A. 1 ml
B. 25 ml
C. 10 ml
D. 0.25 ml

- Q. 46.** 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. 47.** The given symbol represents.



- A. Fire explosion
 - B. Biohazard
 - C. Radiation hazard
 - D. Corrosive chemicals
- Q. 48.** 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. 49.** 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. 50.** Which viruses are classified in Biosafety level 4?
- A. Lassa
 - B. Ebolla
 - C. Marburg
 - D. All of the above

SPACE FOR ROUGH WORK