



RAN - 1803000201030072



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

March - 2023

Medical Laboratory Technology : Paper - II

Equipments and Instruments in Medical Technology

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. (MLT) (Sem. - I)

Name of the Subject :

Medical Laboratory Technology : Paper - II Equipments and Instruments in Medical Technology

Subject Code No.: **1803000201030072**

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.***

- Q. 43.** What is the use of monochromator in colorimeter?
- a) It converts light into electric current
 - b) It transmits a narrow band of spectral region
 - c) It measures electric current
 - d) It holds the solution
- Q. 44.** Elaborate LAF.
- a) Laminar air flow
 - b) Laminar air fluid
 - c) Laminar asbestos flow
 - d) Laminar asbestos fluid
- Q. 45.** Which factor is not responsible for sedimentation of the particle in centrifugation?
- a) Size of the particle
 - b) Revolutions per minute
 - c) pH of the medium
 - d) Viscosity of the medium
- Q. 46.** Which microscope is used for the visualization of viruses?
- a) Bright field microscope
 - b) Dark field microscope
 - c) Fluorescence microscope
 - d) Electron microscope
- Q. 47.** Colorimeter works on which principle?
- a) Beer's Law
 - b) Lambert's Law
 - c) Both (a) and (b)
 - d) None
- Q. 48.** Autoclave is used to destroy _____.
- a) Bacteria & viruses
 - b) Fungi
 - c) Spores
 - d) All of above

Q. 49. Balance contains _____.

- a) Scale
- b) Beam
- c) Stirrup
- d) All of these

Q. 50. _____ gives contrast in phase contrast microscope

- a) Abbes condenser
- b) Annular diaphragm
- c) Phase shifting plate
- d) Substage condenser

SPACE FOR ROUGH WORK