

2303001301020001
EXAMINATION MARCH-APRIL 2024
BACHELOR OF SCIENCE (BIO TECHNOLOGY) (FIRST
SEMESTER) (NEP)
MINOR : INSTRUMENTS AND EQUIPMENT'S OF
MEDICAL LABORATORY - LEVEL 2

[Time: As Per Schedule]

[Max. Marks:25]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (BIO TECHNOLOGY) (FIRST SEMESTER)(NEP)**
- b. Name of the Subject : **MINOR : INSTRUMENTS AND EQUIPMENT'S OF MEDICAL LABORATORY - LEVEL 2**
- c. Subject Code No : **2303001301020001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

Q.1 Answer the following in one or two sentences: (Any 5)

5

1. State the beer's law.
2. Which type of heat is used by autoclave for sterilization of glasswares and media?
3. Describe the calomel electrode.
4. Give the use of Pasteur pipette.
5. Which reagent is used to clean old glasswares?
6. Give the capacity and use of Winchester quart bottles.

Q.2 Answer the following (Any two) :

10

1. Write a note on types of centrifuge.
2. Write a brief note on principle and components of Hot Air Oven.
3. Describe the components of colorimeter.

Q.3 Attempt the following (Any two) :

10

1. Describe the various types of pipettes used in the Medical Technology Laboratory.
2. Name the methods used for calibration of glassware. Explain any one method in detail.
3. Write a note on: Care and Maintenance of glassware.
