

RAN-2403000502066003
F.Y.B.Sc. (NCF-NEP) (Sem.-II) Examination April - 2026
Microbiology : Maintenance of Laboratory Equipment (MB-SEC-202)
[Total Marks: 25]

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book (2) Sketch neat and labelled diagram whenever necessary. (3) Figure to the right indicate full marks of the question. (4) All questions are compulsory.	Seat No.: Student's Signature
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- Q.1. Give the specific answers (Any five) 05**
- State the use of pH meter.
 - Enlist the basic components of electronic balance.
 - Give formula of RCF.
 - What are the advantages of using a microscope?
 - Which filter is used in biosafety cabinet?
 - What does the 'program' LED display signify in Incubator?
- Q.2. Answer the following (Any two) 10**
- Explain in detail about operational principle of pH meter.
 - Give details on classification and maintenance of balance.
 - Comment on 'appropriate management and storage recommendation of centrifuge.
- Q.3. Answer the following (Any two) 10**
- Give a note on general maintenance of microscope.
 - Elaborate on risk group and level of biosafety cabinet.
 - Write down in detail about operating principles and control of incubator.