2203000205030075
EXAMINATION MARCH 2025
BACHELOR OF SCIENCE (FIFTH SEMESTER)
QUALITY CONTROL AND QUALITY ASSURANCE

[**Time: As Per Schedule]** **[Max. Marks: 50]**

Instructions:
1. **Fill up strictly the following details on your answer book**
   a. Name of the Examination : **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
   b. Name of the Subject : **QUALITY CONTROL AND QUALITY ASSURANCE**
   c. Subject Code No : **2203000205030075**
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 Give the specific answers **8**

a. What is quality control?
b. Write the full form of RCV.
c. What is QA?
d. Define: Accreditation.
e. Write the full form of HACCP.
f. What is audit report?
g. What is the main purpose of using a BSC in a laboratory?
h. Write the full form of GMOs.

Q.2 Explain/comment on any two of the following. **14**

a. Comment: Biosafety risk assessment is important when dealing with GMOs.

b. Explain: Many risk management techniques are available to identify and control laboratory error sources.

c. Explain: Many criteria are important to assess during auditing.

Q.3 Answer the following (Any Two) **14**

a. What points should be considered while auditing for method and equipment validation in microbiology laboratory?

b. Write note on elements of quality assurance.

c. Brief about the structure of Quality council of India. Explain NABL in detail.

Q.4 Write short note on any two of the following **14**

a. Quality control charts.
b. Importance of FMEA and FRACAS
c. Waste handling for biosafety level 1 and 2.

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