

CENTRAL TRIBAL UNIVERSITY OF ANDHRA PRADESH

I -MID-TERM Examinations- Feb 2025

PROGRAM: B.Sc. Chemistry & Botany

SEMESTER: IV

TITLE OF COURSE: Good Laboratory Practices (GLP)

Time: 1 HOUR

Max marks: 20

PART-A

Answer all 5 questions from the following

5X1=5M

1. Define distilled water
2. Name four types of personal protective equipment that should be used in the laboratory.
3. What process ensures traceability of samples and test results according to GLP?
 - (a) Unique labelling
 - (b) Blinded analysis
 - (c) Equipment calibration
 - (d) Specimen inventory logs
4. Mention the use of volumetric flask.
5. Two crucial steps to take after an acid spill on the body.

PART-B

Answer EITHER A or B from the following:

1X5=5M

- 6A. Describe procedures to prepare distilled/deionized water
OR
6B. Explain the precautions required to handle toxic chemicals.

PART-C

Answer EITHER A or B from the following:

1X10=10M

- 7A. Briefly describe the use of graduated pipette, volumetric pipette and micropipette.
OR
7B. Discuss Do's and Don't's in a Laboratory.