


VIT

Vellore Institute of Technology

Final Assessment Test – April 2025

Course: TBIT208L - Industry Standards and Guidelines

Class NBR(s): 1297 / 2336

Time: Three Hours

Slot: D1+TD1

Max. Marks: 100

- KEEPING MOBILE PHONE/ANY ELECTRONIC GADGETS, EVEN IN 'OFF' POSITION IS TREATED AS EXAM MALPRACTICE
- DON'T WRITE ANYTHING ON THE QUESTION PAPER

PART – A (8 X 5 = 40 Marks)

 Answer ALL Questions

1. How are wastes disposed in research laboratories?
2. Give five personal protective equipments used in different laboratory.
3. List the types of radiations. What is the international radiation hazard symbol?
4. Write a short note on the need for international food standards?
5. What are the roles of FDA?
6. Is food safety a public health issue – Justify?
7. What are animal models used to assess food safety?
8. Write about the differences between BSL-1 and BSL-4 laboratory.

PART – B (6 X 10 = 60 Marks)

 Answer ALL Questions

9. What are the advantages and disadvantages of GLP? With suitable examples explain
10. What are the risk groups involved in the microbial classifications related to the biological safety in laboratories?
11. Name any five laboratory chemicals, its health hazards and safety precautions.
12. What are different biosafety levels? How do you categorize them?
13. a) With suitable examples, explain the pros and cons of genetically modified foods?

OR

13. b) What are the roles and responsibilities of FSSAI?
14. a) What are the factors that affect safety of foods? Give details on toxic compounds in foods.

OR

14. b) What are the various quality monitoring systems followed by food sector? Explain the applications of HACCP system.

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