



A Charutar Vidya Mandal's Institution
VP & RPTP SCIENCE COLLEGE

(AUTONOMOUS) (Grant-in-Aid)

Affiliated to Sardar Patel University

VALLABH VIDYANAGAR-388120



M.SC. SEMESTER-II INTERNAL EXAMINATION-2026

PS02SEZOO01 (TOXICOLOGY)

DATE: 10/03/2026

TIME: 10:45 TO 11:45 AM

MARKS: 20

Q 1 MULTIPLE CHOICE QUESTIONS.

(06)

1. Which toxin among the following has the lowest LD50?
 - a. Ethanol
 - b. DDT
 - c. Botulinum
 - d. Nicotine
2. Which factor among the following is not responsible for toxicity?
 - a. Dosage
 - b. Exposure route
 - c. Age
 - d. Height
3. _____ refers to the study of absorption, distribution, metabolism, and excretion (ADME) of toxicants in relation to time?
 - a. Toxicokinetic
 - b. Toxicodynamic
 - c. Cytotoxicity
 - d. Dose response
4. Itai-Itai disease is a result of _____ toxicity
 - a. Arsenic
 - b. Cadmium
 - c. Mercury
 - d. Lead
5. _____ among the following is a well-known pesticide?
 - a. Warfarin
 - b. DDT
 - c. Mancozeb
 - d. Glyphosate
6. Which organ in the body has the highest concentrations of xenobiotics if the toxicant enters through gastro-intestinal tract.
 - a. Kidney
 - b. Liver
 - c. Small intestine
 - d. Large intestine



Q2. Describe types of toxicity and factors affecting toxicity.

(07)

OR

Q2. Discuss in detail the following terms: LD50, LC50, & EC50.

(07)

Q3. Write a detailed note on mercury toxicity with suitable examples.

(07)

OR

Q3. Write a detail note on Pesticide toxicity with a relevant example

(07)

Roll No : _____

Quiz

Examiner's Sign _____



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M.SC. SEMESTER-II Quiz-2026

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TIME: 10 Minutes

MARKS: 05

1. Adverse health effects arising from continuous exposure to low concentrations of chemical over a lifetime is called _____ toxicity. (Acute / Chronic)
2. The concentration of a chemical in air or water that kills 50% of a test population (e.g., mice, fish) within a specified exposure time is called LC50. (TRUE / FALSE)
3. _____ are natural sources of air pollution. (Volcanoes / fossil fuels)
4. Contact Pesticides are absorbed by plants and the pests die after eating plant tissue (TRUE/FALSE).
5. Minamata disease is caused due to arsenic toxicity. (TRUE / FALSE)

