

# Gurudas College

Internal Assessment Examination, 2021

Subject-CEMA, SEM-IV

Paper- SEC-B-4

Full Marks-10

Time-30 mins

Answer any five questions

$5 \times 2 = 10$

1. What are DDD and DDE?
2. Give an example of an organophosphate herbicide. Draw its chemical structure.
3. Name two inorganic pesticides.
4. Name two plant based natural pesticides.
5. Write down two primary and two secondary benefits of using pesticides.
6. Outline two health impacts and two environmental impacts of using pesticides.
7. Write down the chemical structure of gammaxene. It is also known as HCH, elaborate on this acronym.
8. Draw the chemical structure of carbaryl. To which chemical class does this insecticide belong? Name another insecticide that belongs in this class.