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B.Sc./AGS/5th Sem/25

2025

5th Semester Examination
4-Years B.Sc. (Hons.) in Agriculture



Paper : AGEC - 553/557/558

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

AGEC - 553 : Weed Management

Group - A

Answer any *five* questions : $2 \times 5 = 10$

1. What do you mean by weed? Give an example.
2. All crops may be regarded as weed. — Why?
3. Give the positive role of weeds in the environment.
4. The herbicide should have higher LD_{50} value. — Explain.
5. Define adjuvant. Give example of one surfactant.
6. What is allelopathy? Give one allelochemical.
7. What are agrochemicals? Give example.
8. What is facultative weeds?

P.T.O.

(2)

Group - B

Answer any *four* questions : $5 \times 4 = 20$

9. Give the characteristic features of weedicide. Name two indigenous and two exotic weeds. $3+2$
10. Write a note on weed management in your College campus with examples.
11. What is herbicide selectivity? What is judicious and safe use of herbicides? $2+3$
12. Mention the ecological and economic importance of herbicides in field.
13. Describe parasitic weeds and its classes.
14. What is Bio-herbicide? What is integration of herbicide with non-chemical methods? $2+3$

Group - C

Answer any *two* questions : $10 \times 2 = 20$

15. Define weeds in field and in nursery. Why weeds are harmful to crops? Give the idea of noxious weeds that can spread throughout the globe. $2+3+5$
16. What is herbicide-resistant weed? Why resistance in weeds against herbicides take place? Give example. Name two important weeds. $2+6+2$

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17. What do you mean by herbicide mixture? What is herbicide formulation? Give in detail the applications of herbicide mixture with examples. $2+3+5$
18. What is herbicide and weed management? Give an idea on the herbicide compatibility with the applications of agrochemicals. Why weed garden is important? $3+4+3$

