



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 5th Semester Examination, 2022-23

BOTADSE02T-BOTANY (DSE1/2)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

1. Answer the questions briefly: 1×16 = 16
 - (a) Define ecotourism.
 - (b) What do you mean by IPR?
 - (c) Define Orthodox seed with example.
 - (d) What is meant by urban forestry?
 - (e) Give one example of non-flowering plant used as ornamental.
 - (f) What is surface irrigation?
 - (g) Mention one horticultural society of India.
 - (h) What is Pomology?
 - (i) Name one Post-harvest disease of vegetable.
 - (j) 'Cavendish' is the variety of which fruit?
 - (k) What is bonsai?
 - (l) What is cryopreservation?
 - (m) What do you mean by hydroponic system?
 - (n) Write down the name of one selective herbicide.
 - (o) Which chemical is used for delaying the fruit ripening in storage?
 - (p) What is the difference between manure and fertilizer?

2. Answer any **eight** questions from the following: 3×8 = 24
 - (a) Mention the importance of flower shows and exhibitions. 3
 - (b) What is PGR? Mention its role in horticulture. 1+2
 - (c) What is horticulture? Mention different branches of horticulture. 1+2
 - (d) Describe the methods adopted for pest control. 3
 - (e) Briefly describe the methods for germplasm conservation. 3
 - (f) Write a short note on food safety of vegetables. 3
 - (g) Discuss different types of grafting techniques used in horticulture. 3
 - (h) Mention the advantages and disadvantages of food irradiation. 1 1/2 + 1 1/2
 - (i) What is food processing? Mention different methods of food processing. 1+2
 - (j) Mention the name and causal organism of any one vegetable and any one ornamental plant in nurseries. 1 1/2 + 1 1/2
 - (k) Mention the main identifying features of *Opuntia*. 3
 - (l) What is crop sanitation? Mention few chemicals used in pest management. 1+2

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WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 5th Semester Examination, 2022-23

BOTADSE02T-BOTANY (DSE1/2)

Time Allotted: 2 Hours

Full Marks: 60

*The figures in the margin indicate full marks.
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All symbols are of usual significance.*

1. Answer the questions briefly:

1 × 16 = 16

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- What do you mean by IPR?
- Define Orthodox seed with example.
- What is meant by urban forestry?
- Give one example of non-flowering plant used as ornamental.
- What is surface irrigation?
- Mention one horticultural society of India.
- What is Pomology?
- Name one Post-harvest disease of vegetable.
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- What is bonsai?
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- What do you mean by hydroponic system?
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