

B.Sc. Semester - 4 (NEP-2020) Examination**March/April-2026****BOT: Economic Botany (Major-9)****Time: 2:00 Hours****Marks: 50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1(A) Answer in details (any one) (08)
1. Explain Vavilov's concept of 'Centres of Origin'. Discuss its significance in the study and conservation of plant genetic resources.
 2. Classify economic plants based on their uses. Provide suitable examples for each category.
- Que.1(B) Answer in brief (Any One) (04)
1. Importance of the study of plant resources.
 2. Basic principles of plant domestication.
- Que.2(A) Answer in details (Any one) (09)
1. Give a detailed account of the origin, morphology, and processing of Wheat.
 2. Describe the origin, cultivation practices, morphology, useful parts, chemical constituents, and uses of Pigeon pea.
- Que.2(B) Answer in brief. (any one) (04)
1. Morphological features of Rice grain.
 2. Economic importance of Chickpea.
- Que.3(A) Answer in details (any one) (08)
1. Describe the botanical description, cultivation, useful parts, chemical constituents, and uses of Potato.
 2. Give a detailed account of the origin, botanical description, cultivation, chemical constituents, and uses of Black Pepper
- Que.3(B) Answer in brief (Any One) (04)
1. Economic importance and chemical constituents of Clove.
 2. Cultivation and uses of Groundnut.
- Que.4(A) Answer n detail (Any one) (09)
1. Describe the processing, chemical constituents, and uses of Tea.
 2. Give an account of the cultivation, harvesting, processing, and uses of Cotton.
- Que.4(B) Answer in Brief (Any One) (04)
1. Morphology and processing of Sugarcane.
 2. Botanical description and uses of Fennel.
