

B.Sc. Semester - 4 (NEP-2020) Examination**March/April-2025****BOT: Applied Botany (Minor-3)****Time: 2.00 Hours****Mark: 50****Instructions:**

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

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- Q-1 (A) Describe in detail (Any One). (08)**
- 1) Give an account of morphological characters, cultivation, chemical constituents and uses of earth vegetables carrot.
 - 2) Give an account of morphological characters, cultivation, chemical constituents and uses of Herbase vegetables cabbage.
- Q-1 (B) Write short note : (any One). (04)**
- 1) Morphology and uses of elephant yam.
 - 2) Cultivation and uses of sugar beet.
- Q-2 (A) Describe in detail (Any One). (09)**
- 1) Give origin, family, scientific name, useful parts and uses of earth vegetables sweet potato.
 - 2) Give origin, family, scientific name, useful parts and uses of underground stems onion.
- Q-2 (B) Write short note : (any One). (04)**
- 1) Morphology, family and chemical constituents of sugar beet.
 - 2) Cultivation, scientific name, family and chemical constituents of elephant yam.
- Q-3 (A) Describe in detail (Any One). (08)**
- 1) Give detailed account of Para rubber.
 - 2) Give detailed account of medicinal plant Ashawagandha.
- Q-3 (B) Write short note : (any One). (04)**
- 1) Chemical constituents of sarpagandha.
 - 2) Uses of Isabgol.
- Q-4 (A) Describe in detail (Any One). (09)**
- 1) Describe: Tanin yielding plant Acacia.
 - 2) Explain: Cultivation, Harvesting and uses of Fennel.
- Q-4 (B) Write short note : (any One). (04)**
- 1) Uses of sarpagandha.
 - 2) Chemical Constituents of Isabgol.
