

B.Sc. Semester - 4 (NEP-2020) Examination**March/April-2026****BOT: Applied Botany (Minor-3)****Time: 2:00 Hours****Marks: 50****Instructions:**

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

-
- Que.1(A) Describe in detail: (Any One) (08)
- (1) Give an account of morphological characters, cultivation, chemical constituents and uses of sugar beet.
 - (2) Give an account of morphological characters, cultivation, chemical constituents and uses of Onion.
- Que.1(B) Write short note: (Any One) (04)
- (1) Morphology and uses of carrot.
 - (2) Cultivation and uses of cabbage.
- Que.2(A) Describe in detail: (Any One) (09)
- (1) Give detailed account of Para rubber.
 - (2) Give detailed account of medicinal plant Sarpagandha.
- Que.2(B) Write short note: (Any One) (04)
- (1) Chemical constituent and medicinal uses of Ashawagandha.
 - (2) Morphology and uses of Fennel.
- Que.3(A) Describe in detail: (Any One) (08)
- (1) Give origin, family, scientific name, useful parts, chemical constituents and uses of black Pepper.
 - (2) The family, scientific name, useful parts and cultivation and uses of Ground nut.
- Que.3(B) Write short note: (Any One) (04)
- (1) Chemical constituents and major uses of clove.
 - (2) Cultivation and morphological characteristics of mustard.
- Que.4(A) Describe in detail: (Any One) (09)
- (1) Describe the processing of tea leaves and the various types of tea produced.
 - (2) Explain the fiber extraction process of jute and its various Industrial uses.
- Que.4(B) Write short note: (Any One) (04)
- (1) Morphology and processing of sugarcane.
 - (2) Morphology and uses of cotton.
