

B.Sc. (NEP) Semester-I
BSCBO501 - (Core) Botany Paper-I - Basic Botany-I

P. Pages : 2

Time : Three Hours



GUG/S/25/15922

Max. Marks : 40

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- Notes : 1. All questions are compulsory.
2. Draw well labelled diagram wherever necessary.

- 1.** Write in detail. **2x4**
=8
- a) Applied branches of Botany
- b) Scientific method to Study Botany.

OR

- 2.** Write in detail. **2x4**
=8
- a) General characters of Bacteria.
- b) Components of Ecosystem.

OR

- 3.** Write in short. **4x2**
=8
- a) Definition & Etymology of Botany.
- b) Plant Pathologists & Ecologist.
- c) Co-evolution.
- d) Importance of Botany.

OR

- e) Contribution of Leeuwenhoek.
- f) Contribution of Habartlandt.
- g) Contribution of Hatch & Slack.
- h) Contribution of Mendel.

4. Write in short- 4x2
=8
- a) General characters of life.
 - b) Nature of Viruses.
 - c) Biosphere.
 - d) Importance of Lichens.

OR

- e) Two kingdom system of Linnaeus.
 - f) Economic importance of Algae.
 - g) General characters of Angiosperms.
 - h) Economic importance of pteridophyta.
5. Write in one or two lines **any eight** (diagrams are not necessary) 8x1
=8
- a) Mycology
 - b) Green revolution
 - c) Autotrophs
 - d) Charak
 - e) Father of taxonomy
 - f) Androgenesis
 - g) Mycoplasma
 - h) Trahosphere
 - i) Mesosomes
 - j) Saprophytes
 - k) Naked seeded plant
 - l) Protista
