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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (Bio Technology) (Sem.-5)

**ORGANIC FARMING**

Subject Code : BSBT-501-18

M.Code : 78240

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****Write briefly :**

- 1) Soil health card
- 2) Jeev amrit
- 3) Fukuoka farming
- 4) NO<sub>3</sub> pollution
- 5) Bio fertilizers
- 6) Phytoremediation
- 7) Agnihotra krishi
- 8) Symbiotic N fixation
- 9) Vermi wash
- 10) Biological tests

### SECTION-B

- 11) Write down principles of bio insect control.
- 12) Discuss briefly role of Trichoderma.
- 13) Discuss use of crop residues in organic farming.
- 14) Discuss the biodynamic agriculture.
- 15) Discuss the role of earthworms in organic farming.

### SECTION-C

- 16)
  - i) Write down the advantages and disadvantages of myco-herbicides.
  - ii) Write down the relevance of organic farming in present context.
- 17)
  - i) Discuss role of micro-organisms in degrading pesticides.
  - ii) Discuss cultural weed control in context of organic agriculture.
- 18)
  - i) Discuss ill effects of green revolution.
  - ii) Discuss different types of biofertilizers in detail and their role in organic farming.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**