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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 &amp; Onwards) (Sem.-7)

**PLANT NEMATOTOLOGY**

Subject Code : BSAG-PP 706

M.Code : 74868

Time : 3 Hrs.

Max. Marks : 30

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

**SECTION-A****1. Write briefly :**

- a) Nematodes
- b) Bastian
- c) Cyst nematode
- d) N A Cobb
- e) Circulation system of nematodes
- f) Body segmentation of nematodes
- g) NETU Viruses
- h) Root lesion nematode
- i) Burrowing nematode
- j) Anguina tritici





**SECTION-B**

2. Write down the different characteristics of nematodes and also explain the reasons for the slow growth of nematology.
3. Discuss the below ground symptoms produced by the infection of nematodes.
4. Discuss the male reproductive system of nematodes
5. Explain the biology of *Anguina* spp and also discuss the symptoms produced by them.
6. Write differences between *Globodera* spp. and *Heterodera* spp.

**SECTION-C**

7. Enlist different methods for nematode control and explain physical and cultural methods of nematodes control in detail.
8. Discuss in detail the interaction and relationship of the nematodes with other organisms in detail.
9. Give a detailed classification of different plant parasitic nematodes on the basis of parasitism along with suitable examples.

**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.**

