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Total No. of Pages : 02

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B.Sc. Agriculture (2014 & Onwards) (Sem.-7) PLANT NEMATOLOGY Subject Code : BSAG-PP 706

M.Code: 74868

Time: 3 Hrs.

Max. Marks: 30

INSTRUCTIONS TO CANDIDATES :

- SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark 1. each.
- SECTION-B contains FIVE questions carrying 2¹/₂ (Two and Half) marks each 2. and students have to attempt any FOUR questions.
- SECTION-C contains THREE questions carrying FIVE marks each and students 3. have to attempt any TWO questions.

SECTION-A

- 1. Write briefly :
 - a) Nematodes
 - b) Bastian
 - c) Cyst nematode
 - d) N A Cobb
- irstRanker.com e) Circulation system of nematodes
 - f) Body segmentation of nematodes
 - g) NETU Viruses
 - h) Root lesion nematode
 - i) Burrowing nematode
 - i) Anguina tritici



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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.