

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE

B.Sc.(Hons.)Agriculture, Summer 2017-18 Examination

Semester: 2

Date: 15/05/2018

Subject Code : 20107151

Time: 10:30 am to 1:00 pm

Subject Name: Introductory Nematology

Total Marks: 60

Instructions

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as Directed.**(10)****A. Fill in the blanks.**

1. Nematicidal properties of DD mixture was discovered by _____.
2. *Xiphinema* sp. transmitted _____ disease was reported first time in plants.
3. White tip of rice was first time reported by _____ in India.
4. Citrus nematode was first time reported by _____ in India.
5. Root-knot nematodes are _____ in nature (parasitic term).
6. _____ stage of nematode is only infective.
7. _____ generations of root knot nematodes per year.
8. _____ & _____ chemicals are released under flooded conditions.
9. Nematodes having only one generation per year is known as _____.
10. Red ring nematode attacks on _____ plantings.

B. Multiple choice type questions.**(10)**

1. _____ discovered nematicidal properties of DD mixture.

a) Carter	c) Chitwood
b) Tom Goodey	d) Christie
2. _____ reported ufra disease of rice.

a) Dastur	c) Vasudeva
b) Butler	d) AM Khan
3. _____ reported white tip disease of rice.

a) Dastur	c) Vasudeva
b) Butler	d) AM Khan
4. _____ stage is only infective in nematodes.

a) 1 st	c) 3 rd
b) 2 nd	d) 4 th
5. Univoltine means _____ generation per year.

a) 1	c) 3-5
b) 1-2	d) 7-8
6. Root-knot nematodes reproduce through _____.

a) Sexual reproduction	c) Parthenogenesis
b) Both A & B	d) None of the above
7. Scientific name of root-knot nematode is _____.

a) <i>Heterodera</i> spp.	c) <i>Meloidogynes</i> spp.
b) <i>Anguina</i> spp.	d) <i>Trichodoru</i> spp.
8. Example of above ground feeding nematode is _____.

a) <i>Heterodera</i> spp.	c) <i>Meloidogynes</i> spp.
b) <i>Anguinatritici</i>	d) <i>Tylenchulus</i> spp.

