

**PARUL UNIVERSITY**  
**COLLEGE OF AGRICULTURE**

**B.Sc.(Hons.)Agriculture Summer 2021 - 22 Examination**

Semester: 5

Date: 1-04-2022

Subject Code:20104302

Time: 10:30am To 1:00pm

Subject Name:Pests of crops and stored grain and their management

Total Marks: 50

**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.****A. Fill in the blanks. (Each of 0.5 mark)****(05)**

1. \_\_\_\_\_ coleopteran pest feeds voraciously on flowers and pods of pulses while the grubs are predators.
2. \_\_\_\_\_ weevils can be trapped by placing chopped pseudostems.
3. \_\_\_\_\_ tablets of Aluminum phosphide used per ton of grains
4. Stage of rice at which the gundhi bug feeds is \_\_\_\_\_.
5. Bunchy top in sugarcane is caused by \_\_\_\_\_.
6. \_\_\_\_\_ is a monophagous pest on mango
7. \_\_\_\_\_ trap used for attract the fruit fly
8. Larvae make mine on leaves and drying and dropping of leaves is seen due to severe infestation of \_\_\_\_\_.
9. Flaring of squares is due to \_\_\_\_\_
10. Yellow vein mosaic virus is transmitted by \_\_\_\_\_.

**B. Multiple choice type questions. (Each of 0.5 mark)****(10)**

1. Grassy stunt virus disease transmit by \_\_\_\_\_.
  - a) Green leaf hopper
  - b) White backed plant hopper
  - c) Brown plant hopper
  - d) None of above
2. Pheromone trap to attract
  - a) Female moth
  - b) whitefly
  - c) Male moth
  - d) Butterfly
3. The flowers do not open and give rosette appearance due to
  - a) Spotted bollworm
  - b) Pink boll worm
  - c) Spiny boll worm
  - d) American boll worm
4. Destructive stage of pumpkin beetle is \_\_\_\_\_.
  - a) Grubs
  - b) Adults
  - c) Both grubs and adults
  - d) Eggs
5. \_\_\_\_\_ causing formation of a tube like gall that is similar to "onion leaf" or "Silver-shoot".
  - a) *Nymphuladepunctalis*
  - b) *Orseoliaoryzae*
  - c) *Pelopidas mathias*
  - d) *Scirpophagaincertulas*
6. Pigeon pea sterility mosaic virus disease transmits by \_\_\_\_\_.
  - a) Aphid
  - b) Eriophid mite
  - c) Whitefly
  - d) Jassid
7. Passing of rope over the crop helps to manage
  - a) Yellow stem borer
  - b) Rice hispa
  - c) Case worm
  - d) Leaf folder
8. Which pest feeds on tender foliage and grown up larva cuts the stem at collar region.
  - a) Potato tuber moth
  - b) Potato cutworm
  - c) Shoot borer
  - d) Tussock moth
9. Citrus butterfly belongs to family
  - a) Nymphalidae
  - b) Papilionidae
  - c) Lycaenidae
  - d) None of the above
10. Little leaf of brinjal disease transmitted by
  - a) Aphid
  - b) whitefly
  - c) Leaf hopper
  - d) jassids
11. Dead heart in 1-3 month old crop, which can be easily pulled out is due to attack of following pest
  - a) Early shoot borer
  - b) Internode borer
  - c) Root borer
  - d) Top shoot borer

