

Hemchandracharya North Gujarat University  
Community College  
Advance Diploma in Agriculture and Soil Science  
Semester- IV

End Term Examination, April-2018

Subject Code: - AS- 401

Subject: - Integrated Pest Management

Time: 2 hrs

Date: 24/04/2018

Marks: 40

**Q.1 Answer any 10 MCQ questions. Each question carries 1 mark. [10\*1=10]**

- Q.1 Pest occurs in isolated localities during some period is known as .....
- |                   |                 |
|-------------------|-----------------|
| a Sporadic pest   | c Seasonal pest |
| b Occasional pest | d Regular pest  |
- Q.2 Central Insecticides Board is located at .....
- |             |             |
|-------------|-------------|
| a New Delhi | c Ahmedabad |
| b Ghaziabad | d Faridabad |
- Q.3 High seed rate can check the population of.....
- |                      |                      |
|----------------------|----------------------|
| a Sorghum stem borer | c Sorghum spodoptera |
| b Sorghum shoot fly  | d Sorghum heliothis  |
- Q.4 Iron hook is used against adult of.....
- |                     |                     |
|---------------------|---------------------|
| a Mango hopper      | c Rice stem borer   |
| b Rhinoceros beetle | d Sorghum shoot fly |
- Q.5 Vector control in green house can be achieved by.....
- |                   |                     |
|-------------------|---------------------|
| a Netting         | c Mechanical method |
| b Physical method | d Biological method |
- Q.6 Bacillus thurengensis cause the milky disease in...
- |                |              |
|----------------|--------------|
| a Stem borer   | c White grub |
| b Stone weevil | d Heliothis  |
- Q.7 'The Insecticides Act'(DIPA) is started in the year of .....
- |        |        |
|--------|--------|
| a 1968 | c 1914 |
| b 1958 | d 1912 |
- Q.8 Ha NPV is effective for microbial control of .....
- |              |             |
|--------------|-------------|
| a Spodoptera | c Cut worm  |
| b Heliothis  | d Army worm |
- Q.9 The resistance controlled by many genes is.....
- |              |             |
|--------------|-------------|
| a Oligogenic | c polygenic |
| b majorgene  | d monogene  |
- Q.10 The insecticides already banned in india?
- |               |                |
|---------------|----------------|
| a Endosulfan  | c Dimethoate   |
| b Profenophos | d All of above |

[P. T. O.]

**Q.2 Answer the followings question**

**[4\*5= 20]**

1. Describe the nature of damage, life cycle and management of lemon fruit fly
2. Describe the nature of damage, life cycle and management of banana stem borer
3. Explain Biological control
4. Explain ETL, EIL And Antifeedent
5. Describe the nature of damage, life cycle and management of guava fruit fly

**Q.3 Answer any one. Each question carries 10 marks.**

**[1\*10=10]**

1. Enlist the major insect-pest of mango. Describe the nature of damage and management of mango hopper?
2. Enlist the major insect-pest of Guava. Describe the nature of damage and management of any three major insect and pest?

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