

Pramukh Swami Science and H.D Patel Arts College
Advance Diploma in Agriculture and Soil Science
Semester- IV
Internal Examination, March-2019
Subject Code: - AS- 401
Subject: - Integrated Pest Management

Time: 2 hrs

Date: 25/03/2019

Marks: 40

Q.1 Answer any 10MCQ 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 | How many generations of white grub are completed in a year | | | |
| | a | Four | C | Two |
| | b | One | D | Three |
| Q.4 | Adult of white grub mostly feeds on | | | |
| | a | Leaves | c | Stem |
| | b | Roots | d | None of these |
| Q.5 | Termite belong to order | | | |
| | a | Isoptera | c | Coleoptera |
| | b | Insecta | d | Orthoptera |
| Q.6 | Which helps termite to digest cellulose | | | |
| | a | Protozoa | c | Bacteria |
| | b | Fungi | d | Virus |
| Q.7 | 'The Insecticides Act'(DIPA) is started in the year of | | | |
| | a | 1968 | c | 1914 |
| | b | 1958 | d | 1912 |
| Q.8 | The damaging caste of termite is | | | |
| | a | Soldier | c | Queen |
| | b | Worker | d | King |
| 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 |

Q.2 Answer the followings question

[4*5= 20]

1. Describe the nature of damage, life cycle and management of Termite
2. Describe the nature of damage, life cycle and management of cut worm
3. Explain Termite digest cellulose
4. Explain ETL, EIL
5. Describe the nature of damage, life cycle and management of Grasshopper

Q.3 Answer in detail

[1*10=10]

1. Enlist the major insect-pest of Groundnut. Describe the nature of damage and management of White grub
2. Describe the nature of damage and management of Sucking pest