

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

Internal Examination, March-2018

Subject Code: - AS- 401

Subject: - Integrated Pest Management

Time: 2 hrs

Date: 27/03/2018

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
Q.2	b	Occasional pest	d	Regular pest
	Central Insecticides Board is located at			
Q.3	a	New Delhi	c	Ahmedabad
	b	Ghaziabad	d	Faridabad
Q.4	Development of resistance in insects against insecticides in <i>Helicoverpa armigera</i>			
	a	OP compounds	c	Synthetic pyrethroid
Q.5	b	Triazole group	d	Carbamate group
	The book "Integrated Pest Management- Concepts and Approaches			
Q.6	a	V.B. Awasthi	c	G.S.Dhaliwal and Ramesh Arora
	b	G.A. Patel and H.K. Patel	d	A.S. Atwal and G.S. Dhaliwal
Q.7	Use of light trap is include in which control measure?			
	a	Cultural method	c	Mechanical method
Q.8	b	Physical method	d	Biological method
	Bacillus thurengensis cause the milky disease in...			
Q.9	a	Stem borer	c	White grub
	b	Stone weevil	d	Heliothis
Q.10	'The Insecticides Act'(DIPA) is started in the year of			
	a	1968	c	1914
Q.11	b	1958	d	1912
	Ha NPV is effective for microbial control of			
Q.12	a	Spodoptera	c	Cut worm
	b	Heliothis	d	Army worm
Q.13	Only natural control, no insecticide use in phase...			
	a	Crisis phase	c	Disaster phase
Q.14	b	Subsistence phase	d	Crisis phase
	Flooding of field is effective for the managemet of			
Q.15	a	Rice weevil	c	Rice army worm
	b	Rice Heliothis	d	Rice worm

Q.2 Write Short notes

[4*5=20]

1. cultural control
2. Legal control
3. parasites
4. Parasitoid
5. (I). Antifeedents (II). ETL (III). EIL (IV). Sporadic pest (V) Antibiosis

Q.4 Define IPM Charastics of susceptible parasite

Or

[1*10=10]

Q.4 Write details about patterns of crop protection

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