QUESTION BANK

1. Period of suspended activity occurring during seasonal low temperature is known as ……
2. Period of suspended activity during seasonal high temperature or in dry weather is known as ……..
3. ………… animals depend upon the environment than the metabolic heat to raise their body temperature. Eg. Insects
4. …………… animals rely on internal source of heat to compensate the lost heat to cooler surroundings. Eg. Mammals
5. Total heat energy required to complete a stage of development in life cycle or a physiological process of a species is known as……….
6. . ……….is the study of individual organisms or an individual species in relation to the environment.
7. When commensal uses its host for transport the phenomena is termed as………….
8. Nation wide pest forecasting system was established in Japan in……..
9. Locust warning station in India was established in ……… year in ………
10. Adverse effect of host plant on the insect due to the presence of some toxic substances or absence of required nutrients is called…..
11. Insecticide act came into force in the year…………..
12. DD-136 is a complex of ……….. and ……………….
13. Carbaryl comes under …….. group of insecticide.
14. Headquarter of DPPQS is present at…………..
15. Pyrethrum is derived from dried flowers of ……….. plant
16. Unit of ADI (Acceptable daily intake) is……..
17. Pheromone term coined by……….
18. Protozoa affecting Silk worm…………
19. Droplet size of Aerosol type spray fluid is…...
20. The Interspecific association where One insect is benefited by living on or inside another insect without injuring the otheris known as…………..
21. Unit of ADI (Acceptable Daily Intake) is …………
22. Gamma isomer of HCH ( Hexachloro Cyclohexane ) is known as…………
23. Pyrethrum is obtained from dried flower heads of plant ……………..
24. Simultaneous parasitisation of host individual by two or more different species of primary parasites at the same time is known as………
25. Trap crop for *Helicoverpa armigera*  is …………..
26. Father of Host plant Resistance………
27. Dri die is a ………. type of control measure.
28. DIPA came into force in …….. year.
29. First commercial formulation of NPV…………
30. Natural Predator of Cottony cushiony scale……….
31. White muscardine disease in insect is caused by………… species of fungi.
32. Any one trade name of Neem product is……………
33. Acaricides are used to kill …………
34. Any one example of aerosols……….
35. Rotenone is derived from ……….. plant.
36. DDT are phytotoxic to ………….
37. Unit of LD50 value………….
38. Insecticide act came into force in ……….
39. GEAC………..
40. Droplet size of Aerosols…………
41. Oil of ………. Is used to repel mosquito.
42. P methyl acetophenone attract ……………. insect to oviposit in rice.
43. ………………. Is photo unstable insecticide.
44. DDT was first synthesized by……………….
45. Insecticidal property of DDT was discovered by………….
46. BHC was discovered by………………
47. ……………… insecticide is safe for honeybees.
48. Bacteria can easily sporulate in ……… medium inside the gut.
49. PIB…………………..
50. Protozoa affecting Silk worm…………
51. Carbaryl comes under …….. group of insecticide.
52. Father of Genetic control…………
53. *Eichornie*  weed ic controlled by………….. predator.
54. Antixenosis is given by ……………….
55. …………. Doesn’t comes under host plant selection (Host habitat finding, host finding, Host recognition, Antibiosis)

Difference

1. Innoculative vs innundative
2. Host Finding vs Host recognition
3. Parasite vs Predator
4. Vertical vs Horizontal
5. LD50 vs LT50 value
6. Dust vs Granular Formulation
7. Dust vs Wettable Powder/ Spray/ Soluble concentrate
8. Physiological Resistance vs Behavioral Resistance

Short notes

1. Fipronil
2. HCH
3. Insect Growth Regulators (IGR)
4. Avermectin
5. Antibiosis
6. Tolerance
7. Invasive Alien Species
8. Preparation of NSKE
9. LD50
10. Techniques in Biological Control
11. Pseudo Resistance
12. Ecological Resistance
13. Pheromone
14. EPNs
15. Neem
16. Parasite
17. DDT
18. Mode of Action of Fipronil
19. Entomopathogenic Bacteria
20. Apple Factor
21. Paper factor.
22. Insecticide Resistance
23. Insecticide Resurgencence

Long Type

1. Classification of insecticides on the basis of different categories, examples?
2. DDT AND BHC
3. Synthetic Pyrethroids
4. Mechanisms of Host Plant Resistance (HPR) ?
5. Describe mechanism of Host Plant Resistance (HPR)? Explain about the host plant selection process by an insect?
6. Classify parasite based on food habit? Briefly explain about different kinds of parasitism with suitable examples?
7. Define IPM? Concepts of IPM? Write down some limitation of IPM ?
8. Write down the different techniques in biological control?
9. Explain different types of Insect resistance to insecticides. Write down different Mechanism of Insect resistance?
10. Classify insecticides on the basis of mode of action and based on the toxicity ?
11. Describe about different biotic factors.
12. Abiotic factors
13. Use of attractants in Pest management
14. Use of Pheromone in Pest management.
15. Describe role of different IGR’s in Pest management
16. Insecticide act
17. Legislative Control

**Trade name**

1. Aldrin- Aldrex, Aldrosol, and Aldrite
2. Dieldrin- Quintox, Alvit
3. **Endosulfan- Thiodan, Endocel, Endodhan, Endotaf**
4. **Malathion- Cythion and Himala**
5. **Methyl parathion- Folidal, Metacid**, Paratox, Dhanumar
6. Diazinon- Basudin
7. **Dichlorvos- Nuvan, vapona**, Doom, Divap
8. Fenitrothion- Sumithion, Folithion
9. **Quinolphos- Ekalux**, Shakthi Quick, Quinguard, Quinaltaf
10. **Chlorpyriphos- Dursban**, Chloroban, Durmet, Radar
11. **Acephate- Arthane, Starthane, Orthene**
12. Phosphomidon- Demecron, Sumidon, Chemidan
13. **Monocrotophos- Monocil, Nuvacron, Monophos**
14. **Methyl demeton- Metasystox** and Dhanusyatax
15. **Dimethoate- Rogor**, Celgor, Novogor
16. **Carbaryl- Sevin**
17. **Carbofuran- Furadan**
18. **Carbosulfan- Marshal**
19. Thiodicarb- Larvin
20. Aldicarb- Temik
21. Allethrin- Pynamin
22. Fenvalerate- Fenvel, Bilfen, Belmark, Sumicidin, Pydrin
23. **Permethrin- Ambush** , pounce , pramex
24. λ cyhalothrin- Kung-Fu, Karate, Matador, Samurai
25. **Cyfluthrin- Contur, Laser**, Responsar, Tempo
26. **Cypermethrin**- Cyper guard, **Cymbush** and Cyper kill
27. **Imidacloprid- Confidor, Gaucho, Admire,** Tatamida
28. **Acetamiprid- Pride**, Profil, Supreme
29. Thiomethoxam- Actara, Cruiser, Crux
30. **Flubendiamide- Fame**
31. **Fipronil- Regent**, Front line
32. **Spinosad- Tracer, Spintor, Precise**, Success
33. Oxadiazines- Avaunt, Steward
34. **Diafenthiuron- Polo**
35. Chlorfenapyr- Pirate ,Pylon
36. **Formamidines- Galecron**, Fundal, Fundal, Spike
37. Amitraz- Acarac
38. Spiromesifen- Oberon, Forbid
39. **Spirodiclofen- Envidor**
40. **Spirotetramat- Movento**, Ultor