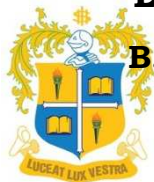


LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY**

THIRD SEMESTER – NOVEMBER 2022

UAZ 3401 – AGRICULTURAL ENTOMOLOGY

Date: 01-12-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

SECTION - A**Answer ALL the Questions**

1. Define the following		(5 x 1 = 5)
a) Poison bottle.	K1	CO1
b) Earthen cocoon.	K1	CO1
c) Insect net	K1	CO1
d) FAO	K1	CO1
e) Light trap.	K1	CO1
2. Fill in the blanks		(5 x 1 = 5)
a) Multi voltine is exhibited by _____ insects.	K1	CO1
b) House fly mouth parts are _____ type.	K1	CO1
c) Beetles are of _____ origin.	K1	CO1
d) The royals in apiculture is fed with _____	K1	CO1
e) Bees collect _____ from flowers.	K1	CO1
3. Match the following		(5 x 1 = 5)
a) Red hairy caterpillar - Malaria	K2	CO1
b) Pulses- Ground nut	K2	CO1
c) Wasps- <i>Heliothus armigera</i>	K2	CO1
d) Moths- Hymenoptera	K2	CO1
e) Anopheles - Lepidoptera	K2	CO1
4. True or False		(5 x 1 = 5)
a) Termites belong to order Isoptera.	K2	CO1
b) Male mosquitoes are not carriers of diseases.	K2	CO1
c) Butterfly has a coiled proboscis.	K2	CO1
d) Young one of insects is nymph.	K2	CO1
e) Oviposition is missing in locust.	K2	CO1

SECTION - B**Answer any TWO of the following in 100 words****(2 x 10 = 20)**

5. Illustrate about locust life cycle.	K3	CO2
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6.	Explain <i>Chilo infusculatus</i> of sugarcane.	K3	CO2
7.	Elucidate the various causes of insect assuming pest status.	K3	CO2
8.	Describe about sericulture.	K3	CO2
SECTION - C			
Answer any TWO of the following in 100 words			(2 x 10 = 20)
9.	Analyse mosquitoes in relation to public health.	K4	CO3
10.	List out the loss caused by insects in stored products.	K4	CO3
11.	Describe in detail about lac culture.	K4	CO3
12.	Explain about the pests of groundnut.	K4	CO3
SECTION - D			
Answer any ONE of the following in 250 words			(1 x 20 = 20)
13.	Discuss in detail about the IPM.	K5	CO4
14.	Summarise in detail about apiculture.	K5	CO4
SECTION - E			
Answer any ONE of the following in 250 words			(1 x 20 = 20)
15.	Summarise the polymorphism exhibited in termites.	K6	CO5
16.	Describe various orders of class Insecta.	K6	CO5

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