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COER University

END SEMESTER EXAMINATION, EVEN SEM 2022-23

Time : 3 hours
 Program Name : B.Sc. (Honors) Agriculture
 Course Name : Fundamentals of Entomology

Total Marks : 100
 Semester : II
 Course Code : BSAG207

Note: All questions are compulsory. No student is allowed to leave the examination hall before the completion of the time.

Q. No 1	Attempt Any Five Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Explain the process of Molting.	CO 1	1
(b)	Explain the abdominal appendages.	CO 1	1
(c)	Write in brief about diapauses in insects.	CO 1	1
(d)	Define phylum arthropoda. Explain its important characters also.	CO 1	1,2
(e)	Draw the structure of thorax of grasshopper.	CO 1	1
(f)	Illustrate insects and their characteristics.	CO 1	2

Q. No 2	Attempt Any Five Parts. Each Question Carries 5 Marks.	CO	BL
(a)	How does asexual reproduction happen in insects?	CO 2	2
(b)	Explain important sensory organs found in insects.	CO 2	2
(c)	Explain the role of insects in the environment?	CO 2	5
(d)	Describe the effect of light on insect.	CO 2	2
(e)	Explain Insects of economic importance.	CO 2	2
(f)	Discuss Metamorphosis. Explain its types also.	CO 2	2

Q. No 3	Attempt Any Five Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Write the importance of IPM.	CO 3	3
(b)	Distinguish between the anti-feed ants and repellents? Giving suitable examples in support of your answer.	CO 3	3
(c)	What is taxonomy? Write its importance?	CO 3	3
(d)	Express pests accidentally introduced into India.	CO 3	3
(e)	Illustrate safe handling of pesticides.	CO 3	3
(f)	Illustrate binomial nomenclature.	CO 3	3

Q. No 4	Attempt Any Five Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Draw a well labelled diagram of grasshopper and write its function of different parts.	CO 4	
(b)	Describe the life cycle of butter fly.	CO 4	4
(c)	Mention the characteristic features of Diptera. Write its importance in agriculture.	CO 4	4
(d)	Explain family termitidae and its characteristics.	CO 4	4
(e)	Differentiate between family pieridae and pyralidae.	CO 4	4
(f)	Distinguish nomenclature and its types also.	CO 4	4

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