

CS/2051

Applied Zoology
Option II : Economic Entomology (ZOO 305)

752/MH

PAPER-I

Theory-40

Time Allowed: 3 hours

INSTRUCTIONS FOR CANDIDATES

Candidates are required to attempt two questions from each section A and B and the entire section C, which is compulsory.

Section : A

1. Write down systematic position, habits and nature of damage of the following pests of crops and vegetables.
 - i. Sugarcane stem borer
 - ii. Cotton grey weevil 3,3
2. Write an account about systematic position, habits and nature of damage of the following
 - i. Wheat stem borer
 - ii. Red Cotton Bug 3,3
3. Write short notes on the following :
 - i. Aphids
 - ii. Termites 3,3
4. Describe the life cycle of Rice Hispa (*Diclodispa armigera*) and control of Gundhy bug (*Leptocorisa varicornis*) 6

Section : B

5. Discuss Systematic position and disease caused by following pests of Medical and Veterinary importance :
 - i. House fly
 - ii. Sucking louse
 - iii. Fleas 2,2,2
6. Write down the systematic position, habits and nature of damage of following pests of vegetables.
 - i. Rice weevil
 - ii. Red Pumpkin beetle 3,3
7. Describe life cycle of Hadda beetle (*Epilachna vigintioctopunctata*) and control of pumpkin/fruit fly (*Dacus cucurbitae*) 6.
8. Write down the systematic position, habits and nature of damage of the following pests of stored grains :
 - i. Lesser grain borer
 - ii. Rice moth 3,3

Section : C

1. Khapra beetle
2. Surface grasshopper
3. *Pyrrhia perpusilla*
4. Warble fly
5. Rust red flour beetle
6. Pulse Beetle
7. Cotton jassid
8. Lice Poultry louset 8X2