

**School of Agriculture****Bachelor of Science Honours in Agriculture  
Semester End Examination - Jun 2024****Duration : 180 Minutes  
Max Marks : 100****Sem II - A1UA206B - AGRI1018 - Fundamentals of Entomology**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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|-----|---|--------|
| 1)  | Name any 4 Scientist which contribute in entomology?  | K1(2)  |
| 2)  | Explain about the Accessory Gland and Oogenesis in Insect?  | K2(4)  |
| 3)  | Illustrate the difference between male and female reproductive system in insect?                      | K2(6)  |
| 4)  | Develop the classification of tracheal system based on number and arrangement of functinal spiracles? | K3(9)  |
| 5)  | Construct the structue of insect circulatory system?  | K3(9)  |
| 6)  | Interpret the diffrence between the Caelifera and Ensifera suborder of orthoptera?                    | K5(10) |
| 7)  | Analyze the classification of phylum arthropoda and write down the charasterstics of each class?      | K4(12) |
| 8)  | How can you justify the role of insect antennae, Legs, Wing and presence of integument?               | K5(15) |
| 9)  | Assess about the sensory and sound producing organs in insect?  | K5(15) |
| 10) | Elaborate about the types of pupa and different types of Polypod larva in insect?                     | K6(18) |