



A Charutar Vidya Mandal's Institution
VP & RPTP SCIENCE COLLEGE

(AUTONOMOUS) (Grant-in-Aid)

Affiliated to Sardar Patel University

VALLABH VIDYANAGAR-388120



M.SC. SEMESTER-II EXTERNAL EXAMINATION-2026

PS02MIZOO01 (ENTOMOLOGY)

DATE: 27/03/2026, Friday

TIME: 10:45 TO 12:15 AM

MARKS: 20

Q 1 MULTIPLE CHOICE QUESTIONS.

(05)

1. Which layer of insect integument secretes the cuticle?
 - a. Endocuticle
 - b. Epidermis
 - c. Exocuticle
 - d. Procuticle
2. Which of the following order of insect go through complete metamorphosis
 - a. Coleoptera
 - b. Orthoptera
 - c. Hemiptera
 - d. Thysanura
3. Which modification of insect integument is involved in sound production in crickets?
 - a. Stridulatory organ
 - b. Spiracles
 - c. Femur
 - d. Wings
4. The presence of wings in insects is considered a major evolutionary advancement because it:?
 - a. Reduces body size
 - b. Decreases metabolism
 - c. Eliminates predators
 - d. Allows dispersal
5. Japanese encephalitis is mainly transmitted by:?
 - a. Culex mosquitoes
 - b. Tsetse fly
 - c. Aedes mosquitoes
 - d. Horse fly



Q2. Describe the types of mouth parts found in insects with examples (Any 5) (10)

OR

Q2. Write a detailed note on pheromones and their usage for insects capture. (10)

Q3. Write a detailed note on Migration in insects (10)

OR

Q3. Write a detail note on insect of public health: vectors of diseases. (10)