

**B A, BSC, BCOM DEGREE END SEMESTER EXAMINATION – MARCH 2026****UGP (HONS.) SEMESTER – 4: – DISCIPLINE SPECIFIC COURSE****COURSE: 24UZOODSC207– APPLIED ZOOLOGY***(For Regular 2024 Admission)*

Time: 2 Hours

Max. Marks: 70

**PART A*****All questions carry 1 mark. Answer any 10.***

1. Differentiate between Swarming and Absconding. CO3
2. Name two diseases transmitted by Aedes mosquito. CO3
3. Name causative organism and vector of Malaria. CO3
4. Write the scientific name the pest causing damage to stored rice. CO3
5. Which organism causes cotton wool disease in fishes? CO4
6. Write on the importance of black soldier fly. CO3
7. What is 'Quarantine' in aquaculture? CO4
8. What is a "Candler" used for in poultry farming? CO1
9. Which housing system for quails involves keeping them on a floor covered with straw or sawdust? CO1
10. Name one exotic dairy cattle breed CO1
11. Why is the milk of a Guernsey cow golden in color? CO1
12. What is the main cause of coccidiosis in poultry? CO2

**(1 x 10 = 10)****PART B*****Match the following words/names (Qn.13 to 17) with their most related options.******All questions carry 2 Marks. Answer all 5***

13. Holstein Friesian ----- *Galleria mellonella* CO1
14. Wax moth ----- Half-moon horns CO3
15. Argulosis ----- *Nosema bombycis* CO1
16. Gir ----- Highest milk yield CO1
17. Pebrine ----- *Argulus foliaceus* CO3

**(2 x 5 = 10)**

### PART C

**Answer in two or three sentences. All questions carry 3 Marks. Answer any 10**

18. Describe the Cage System used in quail housing CO1
19. What is the purpose of an Egg Candler in a poultry farm? CO1
20. What are the advantages of using Artificial Insemination (AI) in cattle CO1
21. Define Mycoplasmosis and how it spreads among birds ()
22. How can you distinguish between male and female Japanese quails? ()
23. Explain cocoon formation and silk reeling process. CO3
24. Describe the biology, damage symptoms and economic importance of *Leptocorisa acuta* in paddy. CO3
25. Comment on housefly as a carrier of human diseases. CO3
26. Describe about Round dance of honey bee workers. CO3
27. Elaborate on induced breeding in fishes. CO4
28. Abiotic factors affecting aquaculture. CO4

**(10 x 3 = 30)**

### PART D

**Descriptive questions (short essays). All questions carry 5 Marks. Answer any 4.**

29. Discuss the chicken breeds found in India, highlighting their unique characteristics CO1
30. Explain the different quail species found in India and the advantages of quail farming CO1
31. Discuss the caste system of honey bees. CO3
32. Explain mosquitoes as vectors of public health importance. CO3
33. Explain the life cycle, damage symptoms, and control measures of Rhinoceros beetle. CO3
34. Explain composite fish culture and its advantages. CO4
35. Classify fish diseases and explain each category with suitable examples and scientific names. CO4

**(5 x 4 = 20)**

