



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE
COLLEGE(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester 1) Internal Examination – 2025

COURSE CODE:US03MAZOO01 (Invertebrata & Economic zoology)

Date: 23-9-2025 (Tuesday)

Time: 12.45 pm to 2.15 pm

Total marks :30

Q.1 Multiple choice questions

06

1. **Hydra is commonly found in:**
a) Marine water b) Freshwater c) Brackish water d) Desert soil
2. **Coral reefs are important because they:**
a) Destroy fish b) Cause pollution c) Provide habitat to marine life
d) Reduce biodiversity
3. **The excretory system in Tap worm consists of:**
a) Nephridia b) Malpighian tubule c) Flame cell d) Kidneys
4. **Excretion in leech is by:**
a) Kidneys b) Nephridia c) Malpighian tubule d) Flame cells
5. **Prawns reproduce by:**
a) Budding b) Sexual reproduction c) Binary fission d) Parthenogenesis
6. **Drone bees are:**
a) Sterile females b) Fertile males c) Fertile females d) Sterile males



Q.2 Write a short note on polymorphism

06

OR

Q.2 Discuss about coral in short

06

Q.3 Write a short note on: Parasitic adaption of Tap worm

06

OR

Q.3 Explain digestive system of leech

06

Q.4 Write a short note on (any one)

A) mouth part (any three)

06

OR

B) Insect control

06

Q.5 Write a short note on: (any one)

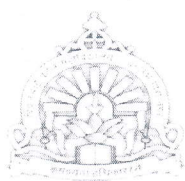
A) Apiculture in short

06

OR

B) Sericulture in short

06



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BSC/BCA/MSC (Semester 1-3-5) Quiz - 2025

COURSE CODE: US03MAZOO01 – Invertebrate and Economic Zoology

Date: 23-9-2025 - Day: Wednesday

Time: Maximum 20 minutes

Total marks :15

Q-1 Fill in the blanks with appropriate answer given in the bracket.

[08]

- (i) Hydra belongs to _____ phylum (Protozoa, Coelenterate)
- (ii) Coral exoskeleton is made up of _____. (Chitin, Calcium carbonate)
- (iii) The habitat of adult Tap worm is _____ (human liver human intestine)
- (iv) _____ Habitat of leech. (Fresh water, marine water)
- (v) Prawn respire by _____. (Gills, skin)
- (vi) Biting and chewing type of mouth part found in _____. (Cockroach, butterfly)
- (vii) _____ bees are sterile female (drone, Worker)
- (viii) Lac is secreted by _____ (Insect, worm)

Q-2 Whether the following statement is true or false. Write your answer in the box

[07]

- (i) Corals are mostly found in marine water
- (ii) Hydra have a two eyes
- (iii) House fly have biting and chewing type mouth part
- (iv) Leech belongs to phylum Annelida
- (v) Prawn locomotion by fins
- (vi) Book gills are found in limulus
- (vii) Worker honeybee lays eggs

