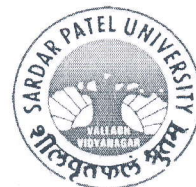


A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE

(AUTONOMOUS) (Grant-in-Aid)

Affiliated to Sardar Patel University

VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester 3) External Examination – 2025
COURSE CODE: US03MAZOO01 (Invertebrate and Economic zoology)

Date: 6-10 -2025 (Monday) Time: 02.00 pm to 4.30 pm

Total Marks: 50

Q.1 Multiple choice questions

06

1. **Hydra is exclusively.....**
a) Carnivorous b) herbivores c) omnivorous d) All of these
2. **Hydra reproduces through.....**
a) By budding b) binary fission c) conjugation d) None of these
3. **Coral reefs are important because they:**
a) Destroy fish b) Cause pollution c) Provide habitat to marine life
d) Reduce biodiversity
4. **The excretory system in Tape worm consists of:**
a) Nephridia b) Malpighian tubules c) Flame cells d) Kidneys
5. **Which of this animal is endo parasite?**
a) Leech b) Tape worm c) Hydra d) All of these
6. **Excretion in leech is by:**
a) Kidneys b) Nephridia c) Malpighian tubules d) Flame cells
7. **Prawns reproduce by:**
a) Budding b) Sexual reproduction c) Binary fission d) Parthenogenesis
8. **Siphoning type of mouth part found is...**
a) House fly b) butterfly c) moth d) b & c
9. **Worker bees are:**
a) Sterile females b) Fertile males c) Fertile females d) Sterile males
10. **Silkworm feeds on....**
a) Hibiscus leaves b) mulberry leaves c) rose leave d) eucalyptus leaves



Q.2 Write a note on locomotion in Hydra 10

OR

Q.2 Describe coral reefs in detail 10

Q.3 Write a short note on:

A) Parasitic adaption of Tape worm 05

B) Describe digestive system of tapeworm with diagram 05

OR

Q.3 A) External characters of Leech with diagram 05

B) Write a note on parasitic adaptation of leech 05

Q.4 Write a detail note on mouth parts of insect 10

OR

Q.4 Classify Prawn and describe digestive system 10

Q.5 Write a detail note on Apiculture 10

OR

Q.5 Explain life cycle of silk worm 10

