

B.Sc. DEGREE EXAMINATION - NOVEMBER 2019
BRANCH VIA. ADVANCED ZOOLOGY AND BIOTECHNOLOGY
FIRST SEMESTER

COURSE : ALLIED CORE
PAPER : GENERAL ZOOLOGY
TIME : 3 HOURS

MAX. MARKS: 100

SECTION A

ANSWER ALL QUESTIONS:

(10 X 3 =30)

1. What are the following?
a) Binary fission b) Vermiwash c) Coprophagy
2. Match the following
a) *Paramecium* - Turtle conservation
b) Stone canal - Holotrichous
c) Tree foundation- star fish
3. Fill in the blanks
a) *Balanoglossus* is an _____
b) *Teredo* is commonly called as _____
c) _____ is commonly called as krait.
4. State True or False
a) The arrangement of feathers on the body is called Pterylosis.
b) Blue whale is not the largest living animal.
c) Brachiolaria larva is a molluscan larva.
5. Draw and label Quill feather.
6. Write the Binomials of the following:
a) House fly b) Head louse c) Filarial worm
7. Enumerate any three economic importance of Mollusca.
8. Differentiate between Poisonous and nonpoisonous snakes (any three)
9. Comment on catadromous migration.
10. Write any three characteristic features of Agnatha.

SECTION B

ANSWER ANY FIVE QUESTIONS:

(5 x 6 = 30)

11. With the help of a neat labelled diagram explain the structure of *Paramecium*.
12. Write the requisites for setting up a Vermipit.

13. Enumerate the characteristic features of Pisces.
14. Comment on Turtle Conservation.
15. Explain the digestive system of *Oryctolagus cuniculus*.
16. Briefly discuss any six flight adaptations in birds.
17. Briefly explain the different types of coral reefs.

SECTION C

ANSWER ANY TWO QUESTIONS:

(2 x 20 = 40)

18. Explain the Life cycle of *Taenia solium*.
19. Describe the water vascular system of *Asterias rubens*.
20. Discuss the Migration of fishes.
21. Give an account on aquatic mammals.
