BG 1st SEMESTER; Oct-Nov, 2021

NO. OF QUESTIONS: 16

NO. OF PAGES : 02

BG 1st Semester Batch: 2016-21

ZOOLOGY

Time Allowed: 2:00 Hours Max. Marks: 60

Min. Marks: 24

NOTE: ATTEMPT ALL QUESTIONS FROM SECTION "A" & "B" AND ONLY TWO QUESTIONS FROM SECTION "C"

Section -A: [Short Answer Type Questions) (8x3=24 Marks)

(Answer all Questions in maximum of 20 words each)

1. What are the locomotory organelles of protozoan's? Give examples of each:
2. Give the importance of canal system to a sponge.
3. What is polymorphism? Explain with reference to Obelia.
4. Give the characteristic features of class Cestoda.
5. Explain the excretory organs of annelids.
6. What is complete metamorphism? Give example with respect to insects.
7. Enlist the functions of tube feet.
8. In what respect do cephalochordates resemble with cyclostomes?

Section B: [Medium Answer Type Questions] (4x5=20 Marks).

[Answer all the Four Questions with internal choice in a maximum of 150 words each).

9. Describe the life history of Ascaris lumbricoides.

OR

Explain filter feeding with respect to Polychaetes..

10 Describe the structure and function of water vascular system of a starfish.

"OR"

Explain the structure of a compound eye in insects.

11. Describe parental care in amphibians with suitable examples.

"OR"

Describe the flight adaptations in birds.

12. What do you mean by adaptive radiations? Explain with respect to mammals.

"OR"

Describe the phylogeny of Protochordata.

Section-C: Long Answer Type Questions] (2x8=16 Marks)

[Answer only Two Questions in a maximum of 300 words each)

13 Describe in detail the various parasitic adaptations in platyhelminthes.

14. Explain with suitable diagrams the difference between poisonous and Non-poisonous snakes. https://www.jktopper.com

15. Describe the mechanism of osmoregulation among fishes.

16. Describe torsion in gastropods and its significance.