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**SUBJECT CODE NO: - YY-2463**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. (CBCGS) (Pattern 2022) F.Y. (SEM I)**  
**Examination April / May - 2024**  
**Zoology Paper-I Animal Diversity Protozoa to Echinodermata**



[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) All question carry equal marks.
- 3) Draw neat diagrams and give Labels wherever necessary.

**Q.1** Describe Asexual reproduction in protozoa.

10

OR

**Explain in brief:**

- a) Pathogenicity of Taenia solium
- b) General characters of cnidaria

**Q.2** Give brief classification of Nemathelminthes.

10

OR

**Explain in brief**

- a) Vision in Arthropods
- b) Metamerism in Insect

**Q.3** Write short notes on: (any two)

10

- 1) Diatoms
- 2) Tape worm.
- 3) External and Internal Metamerism.
- 4) Torsion in Gastropods.



**Q.4 Select and write correct answer from the given alternatives in each sub question. 10**  
**(Each sub question carry one marks)**

- 1) Classification of sponge is based on \_\_\_\_\_  
 a) Locomotary organ                      b) Size  
 c) Skeleton                                      d) Number of ostia
- 2) All species from phylum coelenterate are grouped into \_\_\_\_\_ classes  
 a) Five    b) Three  
 c) Eight    d) Ten
- 3) The term Platyhelminthes was first proposed by \_\_\_\_\_ for flatworm.  
 a) Gegenbaur                                      b) Robert Grant  
 c) Hyman    d) J. Huxley
- 4) The largest class of phylum Annelida is \_\_\_\_\_  
 a) Oligochaeta                                      b) Hirudinea  
 c) Archiannelida                                      d) Polychaeta
- 5) Vision of cockroach is \_\_\_\_\_  
 a) Binocular    b) Mosaic  
 c) Monocular    d) Stereoscopic
- 6) The word "Mollusca" was coined by \_\_\_\_\_  
 a) Lamark    b) Johnston  
 c) Aristotle    d) Palseneer
- 7) Star fish belongs to the class \_\_\_\_\_  
 a) Crinoidea    b) Asteroidea  
 c) Ophiuroidea    d) Echinoidea
- 8) The body of adult prawn is distinctly divided into \_\_\_\_\_ segments.  
 a) 18    b) 19  
 c) 20    d) 16
- 9) The average life span of *Ascaris lumbricoides* in the host is \_\_\_\_\_  
 a) 2 to 5 month    b) 5 to 10 month  
 c) 10 to 15 month    d) 9 to 12 months
- 10) The type of canal system exhibited by Demospongiae is \_\_\_\_\_.  
 a) Ascon    b) Sycon  
 c) Leucon    d) Rhagon

