

Total No. of Printed Pages: 02

SUBJECT CODE NO: - BB-2325
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) F.Y. SEM I
Examination November / December 2025
Zoology Paper-I Animal Diversity Protozoa to Echinodermata

[Time: 1:30 Hours]

[Max. Marks: 40]

N. B

Please check whether you have got the right question paper.

1. All questions are compulsory.
2. All questions carry equal marks.
3. Draw neat diagram and give labels wherever necessary.
4. Figures to the right indicate full marks.

Q1 Describe in detail Locomotion in Amoeba.

10

OR

Explain in brief.

- a) General characters of cnidaria.
- b) Development stages in Taenia Solium.

Q2 Describe in detail Life cycle of Ascaris Lumbricoides.

10

OR

Explain in brief.

- a) General characters of Arthropoda.
- b) Vision in Arthropods.

Q3 Write short notes on (any two)

10

- 1) Noctiluca
- 2) Patterns of polymorphism
- 3) Fission theory
- 4) Significance of torsion

Q4 Multiple choice questions.

10

- 1) Protozoa are classified on the basis of _____.
 a) Locomotory organelle
 b) Shape
 c) Number of Nucleus
 d) Size
- 2) Spicules in sponges are secreted by _____.
 a) Choanocytes
 b) Amoebocytes
 c) Sclerocytes
 d) Porocytes
- 3) Polymorphism is best illustrated in _____.
 a) Spoges
 b) Earthworms
 c) Coelentrates like obelia
 d) Insects

- 4) Annelids are having body _____.
a) A Symmetrical
b) Bilaterally Symmetrical
c) Radial Symmetrical
d) None of these
- 5) Which of the following is a nematode _____.
a) Planaria
b) Ascaris
c) Taenia
d) Fasciola
- 6) Compound eyes are found in _____.
a) Spiders
b) Scorpions
c) Insects
d) Ticks
- 7) Annelids show advancement over the nematode in having _____.
a) Closed circulatory system
b) Metameric segmentation
c) True coelom
d) All of these
- 8) The growth in arthropods goes along with this process _____.
a) Mitosis
b) Only molting
c) Only ecdysis
d) Ecdysis of moulting
- 9) The mantle cavity in mollusc contains _____.
a) Heart
b) Gills
c) Stomach
d) Kidney
- 10) Tube feet are used for _____.
a) Locomotion
b) Feeding
c) Respiration
d) All of the above

