

(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2017
(First Semester)

Branch - **ZOOLOGY**
ANIMAL DIVERSITY !

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10x2 = 20)

- 1 Trichocyst.
- 2 Canal system.
- 3 Blastostyles.
- 4 Pseudo metamerism.
- 5 Metameres.
- 6 Cutaneous respiration.
- 7 Petasma.
- 8 Epipodites.
- 9 Madreporite.
- 10 Ctenidium.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- IT a Write short notes for the life cycle of *Paramecium caudatum*.
OR
- b Give a brief note for the life cycle of *Plasmodium vivax*.
- 12 a Describe the general characters of platyhelminthes.
OR
- b Write a brief account on *Wuchereria bancrofti*.
- 13 a Describe the general characters of Annelida.
OR
- b Explain the structure of *Megascolex marutii*.
- 14 a Describe the external structure of *Panaeus*.
OR
- b Explain the salient features of Peripatus.
- 15 a Describe the Pallial complex in Apple snail.
OR
- Describe the digestive system of starfish.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Explain the classification of phylum protozoa upto class level.
- 17 Describe the structure and life cycle of *Taenia solium*.
- 18 Give an account on vermi culture.
- 19 Write an account on Prawn culture.
- 20 Give a detailed account on pearl culture.

Z-Z-Z

END