

Branch - ZOOLOGY

ANIMAL DIVERSITY -1

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

Answer in one or two sentences:

- 1 Taxonomic position of paramecium caudatum.
- 2 Digenic parasite.
- 3 Nematocysts.
- 4 Gonotheca.
- 5 Nephridia.
- 6 Define Annelids.
- 7 Coxal glands.
- 8 Trilobites.
- 9 Asterias.
- 10 Define chordata.

SECTION - B (25 Marks)

Answer ALL Questions

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

- 11 a Describe the structure of plasmodium, vivax.
OR
b List out the general characters of phylum porifera.
- 12 a Explain the structure of taenia solium.
OR
b Give a brief account on - Ancylostoma duodenale.
- 13 a Mention the general characters of phylum annelida. ^
OR
b Describe the structure of Megasclex marutii.
- 14 a Write the classification of phylum' arthropoda upto class level.
OR
b Explain the morphology of the marine prawn Penaeus.
- 15 a Give an account on the structure of pila globosa.
OR
b Write the general characters of phylum Echinodermata.

SECTION - C (30 Marks)

Answer any THREE Questions

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

- 16 Explain the structure of life cycle of paramecium caudatum.
- 17 Give a detailed account on - Wuchereria bancrofti.
- 18 Explain the life history of Megasclex marutii.
- 19 Write an essay on Prawn culture.
- 20 Write an explanatory account on structure, organization and affinities of balanoglosses.