

**2 0 2 2**

( CBCS )

( 1st Semester )

**ZOOLOGY**

Paper Code : ZOO GE-1(b)

**( Animal Diversity )**

*Full Marks : 75*

*Pass Marks : 40%*

*Time : 3 hours*

( PART : B—DESCRIPTIVE )

( Marks : 50 )

*The figures in the margin indicate full marks  
for the questions*

1. Write in detail the life cycle of *Plasmodium vivax* with proper illustration. 10

Or

Explain in detail the canal system in Porifera with appropriate diagrams. 10

2. Write an account on the life cycle of *Taenia solium* with proper diagrams. 10

( 2 )

*Or*

Write the general characteristics of phylum Nematelminthes. Add a note on the parasitic adaptation found in parasites under this phylum. 6+4=10

3. Describe the general characteristics of phylum Arthropoda. Add a note on pearl formation. 6+4=10

*Or*

Give the general characteristics of phylum Mollusca. Write a note on water vascular system in echinoderm. 6+4=10

4. Write the salient features of Hemichordata and Urochordata. 5+5=10

*Or*

Give the general characteristics of class Amphibia. Add a note on parental care in Amphibia. 6+4=10

5. Describe the flight adaptations in birds. Add a note on the terrestrial adaptations in reptiles. 7+3=10

*Or*

What is dentition? Describe the origin and different types of dentitions in mammals. 1+9=10

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