

**CSM : 18**

**ZOOLOGY**

**PAPER - I**

Time Allowed : 3 hours

Full Marks : 100

*Marks for each question is indicated against it.*

*Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.*

**PART - A**

1. Write a comparative note on the types of locomotion in protozoans with suitable diagrams. (20)
2. Describe the nature and types of polymorphism in Hydrozoa. (20)
3. Give the general characters of birds. Explain the principle of flight in birds. (10+10=20)
4. Discuss the types of dentition in mammals. Add a note on dental formula. (15+5=20)

**PART - B**

5. What is green-house effect? Explain the causes and significance of green-house effect. (4+16=20)
6. Describe the concept of Natural Selection based on the evolution of peppered moth. (20)
7. Define apiculture? Discuss the modern methods of apiculture. (4+16=20)
8. What do you mean by genomic database? Give an account on NCBI and EMBL. (4+16=20)

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