

GE-1 [ANIMAL DIVERSITY]

1. Answer the following questions in 2-3 sentences. [1.5 marks]

- Q1. Mention characters of Protozoa ?
- Q2. What is a canal system?
- Q3. Mention general characteristics of Porifera?
- Q4. What do you mean by polymorphism ?
- Q5. State characters of Cnidarians ?
- Q6. State characters of Helminthes?
- Q7. What do you mean by metamerism?
- Q8. What is osmoregulation ?
- Q9. What do you mean by parasitic adaptation?
- Q10. Name larval forms of Echinodermata?
- Q11. What is torsion and detorsion ?
- Q12. What is migration?
- Q13. Describe about amniotes?
- Q14. State types of canal system in Porifera?
- Q15. What is polyp and medusa?
- Q16. What do you mean by parental care ?
- Q17. What is dentition?
- Q18. State about early evolution of mammals?
- Q19. What is trophozoite?
- Q20. What is the infective stage of *Plasmodium* ?

2. Answer the following questions in 75-100 words. [2 marks]

- Q1. What do you mean by parasitic adaptation? State some parasitic adaptation.
- Q2. State general characters of Nematohelminthes?
- Q3. State general characters of Helminthes?
- Q4. Mention general characters of Annelida?
- Q5. Mention general characters of Mollusca?

- Q6. Mention general characters of Echinodermata?
- Q7. What do you mean by parental care in Amphibia?
- Q8. What are the adaptations for terrestrial life?
- Q9. Describe about dentition in mammals?
- Q10. State asconoid canal system ?
- Q11. Describe leuconoid canal system?
- Q12. State about origin of birds?
- Q13. Mention some flight adaptation in birds ?
- Q14. What do you mean by catadromous and anadromous fishes?
- Q15. State the flow of water (schematic diagram) through different types of canal system in Porifera?
- Q16. Mention about different structures related to canal system in porifera ?
- Q17. Mention steps in pearl formation?

3. Answer the following questions within 500 words [6 marks]

- Q1. Describe the life cycle of *Plasmodium* along with suitable schematic diagram ?
- Q2. Describe polymorphism w.r.t. Cnidarians?
- Q3. Describe about life cycle of *Taenia solium* ?
- Q4. State about structural organization in insects?
- Q5. Describe torsion in gastropods?
- Q6. Describe about pearl formation?
- Q7. Elaborate about different larval forms of Echinodermata ?
- Q8. Explain migration of fishes?
- Q9. Explain parental care in Amphibians?
- Q10. Explain about origin of reptiles?
- Q11. Describe about types of flight adaptation in birds?
- Q12. Describe about terrestrial adaptations in reptiles?