PRE HALF YEARLY EXAMINATION
BIO-ZOOLOGY

Time: 1h 15 min.  Marks:35
Answer all the questions: 8 X 1 = 8

PART -A

1. The Concept of Numerical Taxonomy was developed by.
   (a) Cuvier   (b) Michael Adamson   (c) Lamarck   (d) Charles Darwin

2. The hollow bones of birds are called as
   a) pneumatic bones   b) fused bones   c) skull bones   d) limb bones

3. A unit membrane hypothesis for plasma membrane structure was provided by
   (a) Overton   (b) Daveson   (c) Robertson   (d) Nicholson

4. The human dentition is
   a) heterodont   b) thecodont   c) diphyodont   d) all the above

5. The Melbomian glands produce
   a) sebum   b) tear   c) wax   d) oil

6. The average weight of human thyroid gland is
   a) 10 gms   b) 20 gms   c) 500 gms   d) 20 kg

7. The universal recipient is
   (a) ‘O’ Group   (b) ‘AB’ Group   (c) ‘A’ Group   (d) ‘B’ Group.

8. In amphibian eggs yolk occurs in the form of
   (a) yolk platelets   (b) blood platelets   (c) phosvitin   (d) lipovitelline

PART - B

Answer all the questions: 4 X 2 = 8

10. What is dictyosome
11. What is synapses.
12. Name the three auditory ossicles
13. Define Genetics
14. Define blastomeres

PART - C

Write any three of the following in which Question No.18 is compulsory

3 X 3 = 9

15. What are chlorogogen cells
16. What is 'limit of resolution' in the functioning of a microscope?
17. What is a neuromuscular junction?
18. What is Hermaphroditism?
19. Provide a list of various stages in the embryology of animals

PART - D

Answer all the questions: 2 X 5 = 10

20. What are the various concepts of 'species'?
   (or)
   Give an account of golgi apparatus.
21. Draw a neat labelled sketch of a tooth.& Explain.
   (or)
   Describe the process of sex determination in Bonellia

S.Selvakumar.M.sc.,B.Ed.,  Jothi Mat hr sec school, Salem-Dt-9500237649