

**SENIOR INTER – ZOOLOGY - MARCH 2009**

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SECTION - A

VSAQ

ANSWER ALL

10 X 2 = 20

1. What is anadromous migration ? Give an example.
2. What is Ductus Botalli ? Name the group of extant reptiles with it.
3. Where are the crypts of Lieberkuhn present ? name the juice secreted by them.
4. Name the three bones present in the middle ear of rabbit.
5. What is optic chiasma ? where is it located ?
6. Explain erythroblastosis foetalis ? When it occurs ?
7. What is inbreeding ?
8. Define adaptive radiation.
9. Give two scientific names of fresh water prawns cultured in India.
10. What is cannibalism ? Deficiency of which nutrient causes it ?

**SECTION-- B**

**SAQ Answer Any 6**

**6 X 4 = 24**

11. Write eight important characters of Apoda
12. Give general characters of egg laying mammals.
13. Explain thyroid gland disorders.
14. Describe HIV and AIDS.
15. Explain the Evolutionary theory of use and disuse.
16. Discuss Darwin's theory of Natural Selection in relation with industrial melanism.
17. State various types of cancers.
18. Write the importance of X-ray radiography in diagnostic imaging and describe its ill-effects

**SECTION -- C Answer Any Two**

**2 x 8 = 16**

19. Explain the working of the heart of Rabbit.
20. Describe the male reproductive system of rabbit with diagrams.
21. Discuss how the sex determination in human being differs from that of Drosophila?