

**Chapter: 1 to 3**

**Q.1 Choose the correct alternative and rewrite the sentence (2)**

- 1) Cell division occurring in somatic cells is .....  
a. mitosis      b. meiosis      c. diakinesis      d. diplotene
- 2) Which of the following is first example of class Homo sapiens?  
a. Neanderthal      b. Dryopithecus      c. Cro Magnon      d. Ramapithecus

**Q.2 Answer the following questions. (Any two) (4)**

- 1) Give scientific reason:  
i) Duck billed Platypus is a connecting link.
- 2) Write Short Notes on  
Energy from Proteins.
- 3) Explain the journey of the human zygote to the foetus.

**Q.3 Answer the following questions. (Any three) (9)**

- i) Explain sexual reproduction in plants.
- ii) Embryological evidences are seen in the development of vertebrates.
- iii) Explain with examples about asexual reproduction in unicellular organism - **Budding**
- iv) Fill in the blanks and explain the statements.  
At the end of glycolysis, ..... molecules are obtained.

**Q.4 Answer in brief (5)**

Explain the theory of evolution and mention the proof supporting it.

