

**CADET COLLEGE KALLAR KAHAR**  
**KAHARIAN GIRLS CADET COLLEGE KALLAR KAHAR**

**ENTRANCE TEST CLASS XI-MAY 2023**

**PAPER BIOLOGY**

**TIME: 1 HOUR**

**MARKS:50**

**Q.NO.1: SHORT QUESTIONS**

**(3x12=36)**

- i.** Define alveoli and alveolar ducts?
- ii.** What are xerophytes plants? Give examples.
- iii.** Write down the functions of different types of neurons.
- iv.** Differentiate b/w hinge and ball and socket joint.
- v.** What are the two major types of pollination? Explain it.
- vi.** Write about mutualism and commensalism.
- vii.** Why passive smoking is more dangerous than active smoking?
- viii.** Explain the Watson and Crick model of DNA.
- ix.** How is acid rain formed? Discuss its effects.
- x.** Give two types of carbohydrate fermentation.
- xi.** Write a brief note on Eutrophication.
- xii.** What do you mean by concept of 3R with reference to the conservation of natural resources?

**Q.NO.2: LONG QUESTIONS**

**(2x7=14)**

- i.** Write a note on structure and functions of kidney?
- ii.** State the Mendel's law of independent assortment. Explain it.