

CADET COLLEGE KALLAR KAHAR
KAHARIAN GIRLS CADET COLLEGE
ENTRANCE TEST FOR CLASS XI-JUNE 2022
PAPER (BIOLOGY)

Time: 50Minutes

Marks: 50

Subjective Type

Q. NO.1. SHORT QUESTION

(3×12=36)

- (i) Write a note on diaphragm? How it help the lunges in breathing mechanism?
- (ii) State the Mendel law of segregation through the help of cross.
- (iii). Differentiate between bone and cartilage? Name each type?
- (iv) Write the action mechanism of antibody/and antigen?
- (v) Name the types of white blood cells?
- (vi) Write a note on green house and how it associated to the global warming?
- (vii) Explain the of Watson and crick model of DNA?
- (viii) Why passive smoking is more dangerous than active smoking?
- (ix) Write the structure of ATP and it functional bond?
- (x) How you know about the GMO?
- (xi) Define the exoskeleton/in which animals it is present?
- (xii) Differentiate between the diasystolic and systolic pressure?

Q. No.2. LONG QUESTION

(2×7=14)

- (i) How would you describe the structure and types of bone?
- (ii) Write a complete not on human brain along diagram?

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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.