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Note:-

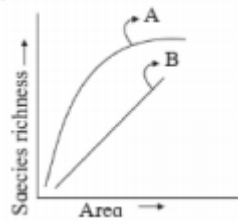
- All Questions are compulsory.
- Numbers on the right indicate full marks.

Section A

Q.1 Select and write the correct answer.

(4)

- Observe the graph and select correct option.



- A) Line A represents, $S = CA^2$ B) Line B represents, $\log C = \log A + Z \log S$
 C) Line A represents, $S = CAZ$ D) Line B represents, $\log S = \log Z + C \log A$
- Which of the below mentioned regions exhibit less seasonal variations?
 A) Tropics B) Temperates
 C) Alpines D) Both (a) and (b)
 - The enormous number of varieties of mango in India represents _____.
 A) genetic diversity B) species diversity
 C) ecological diversity D) hybridisation programmes
 - Red Data Book deals with _____.
 A) endemic plant B) plants that are extinct
 C) animals on verge of extinction D) plants showing photoperiodism

Q.2 Answer the following.

(3)

- What is green house effect?
- How many years did it take to achieve the biodiversity we have today?
- Why CNG is considered advantageous than other fuels?

Section B
Attempt any Four

- Q.3 What are the reasons for damage to biodiversity? **(2)**
- Q.4 Write in short about 'Great Indian Bustard alias Maldhok'. **(2)**
- Q.5 Name two types of particulate pollutants found in air. Add a note on ill effects of the same on human health. **(2)**
- Q.6 What can we do to protect biodiversity? **(2)**
- Q.7 Give various categories of endangered species explained by IUCN. **(2)**

Q.8 How does genetic diversity affect sustenance of a species? (2)

Section C

Attempt any Two

Q.9 Why do you think the amount of DDT is maximum in birds? (3)

Q.10 Write in short: Mission-Plastic Free Maharashtra (3)

Q.11 Explain the phenomenon of biological magnification. (3)

Section D

Attempt any One

Q.12 Describe the practical measures to control air pollution. (4)

Q.13 What are the major causes of biodiversity losses? (4)