



Environment & Ecology

1. Course Content, Syllabus, Importance

E&E Concepts - Q1

Consider the following pairs:

1. Nokrek Biosphere Reserve: Garo Hills
2. Logtak (Loktak) Lake: Barail Range
3. Namdapha National Park: Dafla Hills

Which of the above pairs is/are correctly matched?

- a. 1 only
- b. 2 and 3 only
- c. 1, 2 and 3
- d. None

E&E Concepts - Q2

In which of the following States is **lion-tailed macaque** found in its natural habitat?

1. Tamil Nadu
2. Kerala
3. Karnataka
4. Andhra Pradesh

Select the correct answer using the codes given below.

- a. 1, 2 and 3 only
- b. 2 only
- c. 1, 3 and 4 only
- d. 1, 2, 3 and 4

E&E Concepts - Q3

Acid rain is caused by the pollution of environment by

- a. Carbon dioxide and Nitrogen
- b. Carbon monoxide and Carbon dioxide
- c. Ozone and Carbon dioxide
- d. Nitrous oxide and Sulphur dioxide

E&E Concepts - Q4

With reference to food chains in ecosystems, consider the following statements:

1. A food chain illustrates the order in which a chain of organisms feed upon each other.
2. Food chains are found within the populations of a species.
3. A food chain illustrates the numbers of each organism which are eaten by others.

Which of the statements given above is / are correct?

- a. 1 only
- b. 1 and 2 only
- c. 1, 2 and 3
- d. None

E&E Concepts - Q5

Lichens, which are capable of initiating ecological succession even on a bare rock, are actually a symbiotic association of

- A. Algae and bacteria
- B. Algae and fungi
- C. Bacteria and fungi
- D. Fungi and mosses

E&E Concepts - Q6

The most important strategy for the conservation of biodiversity together with traditional human life is the establishment of

- A. Biosphere Reserves
- B. Botanical Gardens
- C. National Parks
- D. Wildlife Sanctuaries

UPSC Prelims Syllabus

General Issues on Environmental Ecology, Biodiversity & Climate Change -
that do not require subject specialisation

UPSC Mains Syllabus

GS 1

- Indirect, Related to Geography
- Changes in the environment, water bodies
- Natural Phenomenon like Tsunami, Earthquake, Volcanic Eruptions, Cyclones and their effect on the environment

GS 3

- Conservation, Environmental Pollution and degradation, EIA
- Climate Change, Global Warming
- Agriculture

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