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~~AP~~ Zoology: Paper IV
Environmental science.

QP Code :05024

(2½ Hours)

[Total Marks : 75

- N.B. (1) All questions are compulsory.
(2) Figures to the right indicate full marks.
(3) Draw neat and labelled diagrams wherever necessary.

1. Give an account of the following :—

(a) Fossil fuel as a source of energy.

7

OR

(a) Non-conventional resources.

7

(b) Sustainable development and its importance.

8

OR

(b) Goals and objectives of environmental education.

8

2. Discuss the following :—

(a) Discontinuous distribution.

7

OR

(a) Flora and fauna of oriental realm.

7

(b) Role of food selection and dispersal as an animal behaviour.

8

OR

(b) Social organisation in insects.

8

3. Explain the following :—

(a) Descriptive epidemiology.

7

OR

(a) Various routes of transmission of disease.

7

(b) Epidemiological triad and stages of disease.

8

OR

(b) Role of reservoir and incubation in disease transmission.

8

4. Describe the following :—

(a) Random sampling method.

7

OR

(a) Bar diagrams.

7

(b) Qualitative and Quantitative data.

8

OR

(b) Simple and complex table.

8

5. Write short notes on the following :—

(a) Hydel energy.

OR

(a) Geothermal energy.

(b) Objectives of environmental education.

OR

(b) Reciprocal altruism.

(c) Case-cohort studies.

OR

(c) Stages of diseases.

(d) Standard deviation.

OR

(d) Mode.

AC-Con.:1146-14.