

200-12
 Env. Sc
 8114

QP Code : 12808

(2½ Hours)

[Total Marks : 75

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

1. Describe the following :-
 - (a) Inexhaustible resources. 7
 - OR
 - (a) Importance of sustainable development. 7
 - (b) Fossil fuel and firewood. 8
 - OR
 - (b) Role of environmental organisations and agencies. 8
2. Explain the following :-
 - (a) Neotropical realm. 7
 - OR
 - (a) Schooling in fishes. 7
 - (b) Social organisation in Primates. 8
 - OR
 - (b) Discontinuous distribution. 8
3. Describe the following :-
 - (a) Stages of diseases. 7
 - OR
 - (a) Descriptive epidemiology. 7
 - (b) Reservoir with respect to transmission of disease. 8
 - OR
 - (b) Epidemiological triad. 8
4. Explain the following :-
 - (a) Simple random sampling. 7
 - OR
 - (a) Discrete and continuous variate. 7
 - (b) Diagramatic presentation of data by frequency polygon and curves. 8
 - OR
 - (b) Mean and standard deviation. 8
5. Write short notes on :-
 - (a) Geothermal energy. 4
 - OR
 - (a) Biofuel. 4
 - (b) Reciprocal altruism. 4
 - OR
 - (b) Aggression. 4
 - (c) Incubation with respect to disease transmission. 4
 - OR
 - (c) Direct transmission of disease. 4
 - (d) Secondary data. 4
 - OR
 - (d) Multiple bar-diagram. 3