



BRAINWARE UNIVERSITY

Course – BCA / BSc(CS) / BSc(HN) / BAMW / BBA / B.Com.

Environmental Studies (ENV201)

(Semester – 2)

Time allotted: 3 Hours

Full Marks : 75

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)

10 x 1 = 10

- 1.i) Air pollutant which reduces the oxygen carrying capacity of haemoglobin is
 a) carbon monoxide b) ammonia c) hydrogen sulphide d) none of these
- ii) Minemata disease occurs due to
 a) arsenic pollution b) lead pollution c) mercury pollution d) cadmium pollution
- iii) Which one of the following is a renewable source of energy ?
 a) Thermal b) Nuclear c) Solar d) None of these
- iv) An example of a biotic factor is
 a) soil b) rock c) water d) tree
- v) Montreal protocol is related to
 a) land pollution b) noise pollution c) production and use of CFC d) increase of population
- vi) To monitor the state level environmental issues and problems Supreme court of India established
 a) Green Bench b) Pollution Control Board c) Department of Environment d) None of these
- vii) Lakes rich in nutrient status is called
 a) oligotrophic lake b) mesotrophic lake c) eutrophic lake d) none of these
- viii) Bhopal Gas tragedy occurred on
 a) December , 1984 b) November , 1985 c) January , 1986 d) None of these
- ix) Medha Patekar is related to

- a) Chipko Movement b) Narmoda Bachao Movement c) Operation Flood d) Green revolution
- x) Incineration is a disposal method of
- a) water pollutant b) air pollutant c) solid waste d) none of these

Group – B

(Short Answer Type Question)

3 x 5 = 15

Answer any three questions

2. What is meant by 'eco-system'? Write the types and components of ecosystem .
3. What is bio-geochemical cycle ? Write the flow chart of oxygen cycle .
4. Write a note on the Disaster Management.
5. Write a note on 'Endangered Species'.
6. What is meant by Joint Forest Management (JFM)? How is it implemented?

Group – C

(Long Answer Type Question)

5 x 10 = 50

Answer any five questions

- 7.i) Write a note on AIR (prevention and control of pollution) ACT,1981
- ii) What is " HEALTH "? Write some characteristics of healthy persons .
8. i) what is Global Warming ? Name some gases responsible for global warming .What is green house effect ?
- ii) Write a note on " ozone layer depletion " .
9. i) What is " Kyoto Protocol " What are the objectives of kyoto protocol ?
- ii) write a note on " Acid rain " .
- 10.i) India is a megadiversity nation – justify .
- ii) What are the main objectives of conservation of biodiversity ? Explain " Ex-situ " and " In-situ " conservation of biodiversity .
- 11.i) Define resource . What are " renewable " and " non -renewable " resources? Give examples .
- ii) Write a note on " sustainable development" .
12. Write a note on " Forest Act , 1980 .
13. What is solid waste ? How do you classify solid wastes and elaborate the classification .
14. What is food chain ? What are the different kinds of food chain ? Give example of each type of food chain.