

CHAPTER 16

ENVIRONMENTAL ISSUES

VERY SHORT ANSWER QUESTIONS (1 marks each)

- Q1. What is the other name given to jhum cultivation?
Q2. Expand CFC'S.
Q3. Expand BOD.
Q4. Where do the chipko movement initially start?
Q5. What is algal boom?
Q6. How do plants control pollution?
Q7. What is ozone shield?
Q8. Why should unleaded petrol be used in automobiles with catalytic converter?
Q9. Name the unit to measure thickness of ozone.
Q10. What is meant by ozone hole?

SHORT ANSWER TYPE QUESTIONS (2 marks each)

- Q1. What is biological magnification? how does DDT as a water pollutant undergo biological magnification?
Q2. What is meant by jhum cultivation? explain how it is responsible for deforestation?
Q3. Mention the ill effects of biomagnification of DDT in fish eating birds.
Q4. How do CFC'S destroy the ozone layer?
Q5. List the gaseous pollutants of atmosphere.
Q6. What is eutrophication? explain its consequence on the life of plants and animals in such water bodies.
Q7. Which gas is most abundant of the commonest gases of green house gases? discuss the effect of this gas on the growth of plants.
Q8. Write an account on montreal protocol.
Q9. Name four harmful/toxic compounds found in defunct ships.
Q10. Write the effects of global warming on human health.

SHORT ANSWER QUESTIONS (3 marks each)

- Q1. What is ozone shield and why is it important? name the gases that cause stratospheric ozone depletion.
Q2. What is global warming? list four strategies for reducing global warming.
Q3. What are algal booms? how are they formed? give two harmful effects of formation of algal booms in aquatic in a water body.
Q4. What is the difference between BOD and COD?
What is the effect of a higher biological oxygen demand on the level of dissolved oxygen and sensitive organisms in water body?
Q5. How can pollution by auto exhaust be minimised?
Q6. Differentiate between BAD ozone and GOOD ozone?
Q7. Mention the six harmful effects of noise on human health.
Q8. Describe chipko movement.

LONG ANSWER QUESTIONS (5 marks each)

- Q1. Describe electrostatic precipitator along with diagram.
Q2. What is meant by ozone shield? Name two ozone depleting substances. How do the ozone - depleting substances affect the ozone shield?
Write one damaging effects of ozone depletion on human and plants respectively.
Q3. Discuss the following:
a. Chipko movement
b. Scrubber
c. Radioactive wastes.
Q4. If sewage water is disposed of the river . Show its effects on BOD and dissolved oxygen.
Q5. Write short notes on the following :-
a. Eutrophication
b. Biological magnification
c. Ground water depletion and ways for its replenishment
Q6. What are the various constituents of domestic sewage? Discuss the effects of sewage discharge on a river.
Q7. Explain greenhouse effect, global warming and control of global warming.
Q8. Describe briefly the following:-
a. Radioactive wastes

- b. Defunct ships and e-wastes
- c. Municipal solid wastes