



WBBSE
MADHYAMIK



CHAPTER 1
CONCERN
ABOUT OUR
ENVIRONMENT

**STUDY
MATERIAL**


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MCQ

1. Which of the following is not a fossil fuel?

- (a) Petrol
- (b) Diesel
- (c) solar energy
- (d) coal

Ans. (c) Solar energy.

2. Which of the following is not a greenhouse gas?

- (a) oxygen
- (b) carbon dioxide
- (c) Chlorofluorocarbon (CFC)
- (d) methane

Ans. (a) Oxygen.

3. The ozone layer is found in which of the following atmospheric layer?

- (a) ionosphere
- (b) Stratosphere

(c) Troposphere

(d) Middle Circle

Ans. (b) Stratosphere

4. Which layer of the atmosphere has the lowest temperature?

(a) Troposphere

(b) ionosphere

(c) stratosphere

(d) outer circle

Ans. (c) stratosphere

5. Which layer of the atmosphere has the highest temperature?

(a) Troposphere

(b) thermosphere

(c) Central Circle

(d) exosphere

Ans. (b) thermosphere

6. Which of the following is a component of biogas?

- (a) LPG
- (b) methane
- (c) CNG
- (d) Hydrogen sulfide

Ans. (b) methane.

7. In the production of which of the following energy, mechanical energy is converted into electrical energy?

- (a) Wind energy
- (b) Solar Energy
- (c) tidal energy
- (d) Geothermal energy

Ans. (c) tidal energy

8. Which gas has the highest calorific value?

- (a) Coal gas
- (b) Biogas
- (c) Hydrogen gas.
- (d) methane gas

Ans. (c) Hydrogen gas

9. Which of the following gases does not damage the ozone layer?

(a) chlorine

(b) hydrogen

(c) Chlorofluorocarbon

(d) Nitrogen dioxide

Ans. (b) Hydrogen.

10. Which element found in chlorofluorocarbon (CFC) destroys ozone?

(a) chlorine

(b) carbon

(c) oxygen

(d) hydrogen

Ans. (a) Chlorine.

1 Marks

1. In which layer of the atmosphere do storms and rains occur? (Board Sample Paper)

Answer: Stratosphere

2. Which bacteria breaks down biomass into methane in a biogas plant? (Board Sample Paper)

Answer: Methanogenic bacteria.

3. Write one effect of increasing the temperature of the atmosphere.

Answer: Due to the increase in the temperature of the atmosphere, the glacier starts melting.

4. Diesel, L.P.G. And which has the highest calorific value in methane?

Answer: Methane has the highest calorific value.

5. How much does the temperature decrease when the height of one-kilometer increases in the atmosphere?

Answer: 6.5°C

6. L.P.G. What is the full name of?

Answer: Liquefied Petroleum Gas.

7. What is the unit of calorific value of fuel?

Answer: The calorific value of fuel is expressed in joule/gram (Jg-1) or kilo joule/gram (KJV-.).

8. Which circle is called the protective cover?

Answer: To the ozone layer.

9. What is the unit of air pressure?

Answer: millibar

10. Write the names of two main greenhouse gases.

Answer: Carbon dioxide (CO₂) and methane (CH₄).



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