

Chemical Engineering Environmental Engineering MCQ Questions

1. Which of the following is not a component of biosphere?

- (A) atmosphere
- (B) lithosphere
- (C) hydrosphere
- (D) thermosphere

Ans: thermosphere

2. Which of the following is the most detrimental for water used in high pressure boiler?

- (A) dissolved oxygen
- (B) phenol
- (C) silica
- (D) turbidity

Ans: silica

3. Which of the following processes is involved in the biochemical treatment of sewage effluents?

- (A) fermentation
- (B) dehydration
- (C) reduction
- (D) oxidation

Ans: oxidation

4. Which of the following is a secondary air pollutant?

- (A) dust particles
- (B) nitrogen dioxide
- (C) sulphur dioxide
- (D) photochemical smog

Ans: D

photochemical smog

5. Most major source of air pollution in modern days is

- (A) automobiles and industries
- (B) dust storms
- (C) volcanic eruptions
- (D) forest fires

Ans: A

automobiles and industries

6. High lead exposures in human beings either through air inhalation or food ingestion does not cause

- (A) cancer
- (B) mental retardation
- (C) disorder of central nervous system
- (D) high blood pressure

Ans: A

cancer

7. Which of the following is not an air pollutant?

- (A) carcinogens
- (B) pesticides
- (C) metallic powders
- (D) ozone

Ans: D

ozone

8. _____ plant emits large amount of SO_2 as an air pollutant.

- (A) chloralkali
- (B) nitric acid
- (C) sulphuric acid
- (D) iron and steel

Ans: sulphuric acid

9. Which of the following is the most major constituents of air pollutants?

- (A) hydrogen sulphide
- (B) carbon monoxide
- (C) oxides of nitrogen
- (D) oxides of sulphur

Ans: oxides of sulphur

10. White smoke coming out of the chimney of a furnace indicates the use of

- (A) liquid fuel in the furnace
- (B) gaseous fuel in the furnace

(C) very high excess air

(D) low excess air

Ans: very high excess air

meritnotes.com