

Chemical Engineering Environmental Engineering Questions & Answers

1. The environmental or prevailing lapse rate can be determined from the
 - a. temperature profile of the atmosphere
 - b. rate of pressure change in the atmosphere
 - c. rate of frontal system passage
 - d. rate of wet air lapse rate vs. pressure change

Ans: A

2. Which of the following areas would be most affected by a rise in sea level as a consequence of global warming?
 - a. grassland
 - b. wetland
 - c. forests
 - d. deserts

Ans: B

3. An increase in evaporation at lower latitudes could lead to
 - a. a decrease in precipitation
 - b. an increased number of hurricanes
 - c. unpredictable hurricane seasons
 - d. lower temperature

Ans: B

4. Sedimentary rocks are a major sink for
 - a. oxygen
 - b. methane
 - c. sulfur
 - d. carbon

Ans: D

5. Under normal condition of flow, an unpolluted river will contain
 - a. more dissolved oxygen in summer than in winter
 - b. less dissolved oxygen in summer than in winter
 - c. same amount of dissolved oxygen in winter and summer
 - d. the least amount of dissolved oxygen during the floods

Ans: B

6. Which of the following materials is used as landfill sealant for the control of gas and leachate movement?
 - a. fly ash
 - b. sand
 - c. bentonite
 - d. lime

Ans; C

7. The gas which may cause explosion in sewer pipes is
 - a. CO
 - b. H₂S

- c. NH_3
- d. CH_4

Ans: D

8. Which of the following is non-biodegradable?

- a. fruit
- b. vegetables
- c. earthworm
- d. aluminium foil

Ans: D

9. Arsenic pollution does not take place from the ___ industry.

- a. coal mining
- b. paper
- c. petroleum
- d. iron ore mining

Ans: B

10. Which of the following is not an environmental issue of global significance?

- a. global warming
- b. suspended particulate matter (SPM)
- c. ozone layer depletion
- d. loss of biodiversity

Ans: B

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