

PPSC Chemistry Full Book Test

| Sr | Questions | Answers Choice |
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| 1 | Chlorofluorocarbon are widely used as coolants in. | A. Air conditioners B. Clearing solvents C. Aerosol propellant's D. All above |
| 2 | Ozone filters out radiation below. | A. <div> o</div>1000 A B. <div> o</div><div>2000 A</div> C. <div> o</div><div>3000 A</div> D. <div> o</div>4000 A |
| 3 | Which of the following gas protects us form harmful effect of uv radiation. | A. SO ₂ B. NO ₂ C. CO D. O ₃ |
| 4 | Which of the following is a non degradable pollutant. | A. Long chain phenolics B. DDT C. Mercuric salts D. All above |
| 5 | SO ₂ is generated from which of the following industry. | A. Drying and packing B. Paper C. Pulp D. paper and pulp |
| 6 | Commercial incinerators produce. | A. Smoke B. CO C. NO _x D. All above |
| 7 | Which of the following substance is released into environment in the nuclear power plants. | A. Iodine -131 B. Argon - 41 C. Sr-90 D. Cs- 137 E. All above |
| 8 | Which of the following pollutant is generated from combustion of fuel. | A. Smoke B. SO ₂ C. CO ₂ D. Metallic oxides E. All above |
| 9 | Which of the following substance act as photochemical oxidant | A. Ozone B. NO _x C. peroxyacetyl nitrate D. All above |
| 10 | Which of the following agrochemical acts as pollutant. | A. Fertilizers B. Weedicides C. Herbicides D. All above |
| 11 | Which of the following metal acts as pollutant. | A. Hg B. Pb C. Zn D. Ni E. All above |
| 12 | Which of the following substance acts as gaseous pollutant. | A. NO B. NO ₂ C. CO D. SO ₂ E. All above |
| 13 | Which of the following acids acts as acid waste from coal mines. | A. HCl B. HNO ₃ C. CH ₃ COOH D. H ₃ PO ₄ |
| 14 | Which of the following substances act as pollutant. | A. Oils B. Greases C. Toxins D. All above |

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| 15 | Pesticide residues appear in which of the following foods. | A. Milk B. Fruit C. Fish D. Vegetables E. All above |
| 16 | Which of the following is an important aspect of industrial ecology. | A. Minimising air emissions B. Minimising liquid waste C. Recycling after use D. All above |
| 17 | Which of the following is domain of industrial ecology. | A. The materials extractor B. The materials processor C. The consumer D. All of above |
| 18 | Which of the following statement is not correct with respect to hydrolytic cycle. | A. It is the major constituent of the lithosphere B. Water covers about 83% of the earth's surface C. It is essential requirement of all the organisms D. Water covers about 73% of the earth's surface. |
| 19 | Which of the following process is involved in nitrogen fixation | A. Non symmetric fixation of nitrogen B. Fixation by soil bacteria C. Fixation by yeast D. Fixation by blue green algae E. All above |
| 20 | Which of the following process is involved in getting back nitrogen into atmosphere. | A. Nitrification B. Denitrification C. Ammonification D. All above |
| 21 | Which of the following substance is most abundant of all components of atmospheric air. | A. O ₂ B. N ₂ C. CO ₂ D. A ₂ |
| 22 | Which of the following biogeochemical cycle is not component of ecosystem. | A. Carbon cycle B. Potassium cycle C. Oxygen cycle D. Nitrogen cycle |
| 23 | Which of the following statement is not true with respect to the role of matter undergoing decomposition. | A. Decomposed matter increase soil fertility B. They provide a texture which is favorable for plant growth C. Organic compounds form complexes with mineral nutrients which enhance uptake by plants. D. In high concentration the decomposition product may increase the photosynthesis |
| 24 | Which of the following statements is not related to the decomposition phenomenon occurring in nature. | A. Decomposition is due to autotrophic organisms B. Decomposition involves bacteria and fungi C. During decomposition organisms carry out specific reactions D. Many species of decomposer are present in the biosphere |
| 25 | Which of the following process involves the use of organic compound as an electron acceptor. | A. Aerobic respiration B. Anaerobic respiration C. Fermentation D. Glycolysis |
| 26 | In biological ecosystem which of the following substance is used by organisms. | A. Water B. Sunlight C. Minerals D. All above |
| 27 | Which of the following energy is trapped by the autotrophic organisms. | A. Mechanical energy B. Electrical energy C. Radiant energy D. Electronic energy |
| 28 | Which of the following is component of the ecosystem. | A. Inorganic substances B. ORGANIC Substances C. Animal and plants only D. All above |
| | | A. Study of interactions between human activities and its environment B. Industrial ecology seeks to |

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| 29 | Which of the following statement is not related with industrial ecology. | <p>B. Industrial ecology seeks to optimize the total industrial materials cycle from virgin material to finished product</p> <p>C. Industrial impacts on the environment</p> <p>D. Economic system are viewed in isolating from their surrounding</p> |
| 30 | The action of all the relations of all the organism to their environment is called | <p>A. Biology</p> <p>B. Botany</p> <p>C. Ecology</p> <p>D. Archiology</p> |