

PPSC Chemistry Full Book Test

| Sr | Questions | Answers Choice |
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| 1 | DDT is | A. Biodegradable pollutant B. Nodegradable contaminant C. Air pollutant D. An antibiotic |
| 2 | Which among the following is secondary pollutant. | A. CO B. CO ₂ C. PAN D. Aerosol |
| 3 | Which of the following play significant role in depletion of ozone layer. | A. Oxides of nitrogen B. Oxides of carbon C. Oxides of sulphur D. None of above |
| 4 | Most Hazardous metal pollutant of automobile exhaust is. | A. Tin B. Mercury C. Cadmium D. Lead |
| 5 | Photochemical among is related to pollution of | A. Air B. Water C. Soil D. All of the above |
| 6 | Ozone hole refers to. | A. Black hole B. Decrease to thickness of ozone layer in stratosphere C. Decrease of thickness of ozone in troposphere D. Increase concentration of ozone in the atmosphere |
| 7 | Which of the following is renewable resources of energy. | A. Hydropower B. Wind power C. Solar power D. All above |
| 8 | Bioconversion of biomass can be used for. | A. Heating purposes B. Power production C. Methane production D. All of the above |
| 9 | Biomass refers to all the organic material derived from | A. Photolysis B. Photosynthesis C. Electrolysis D. Oxidation |
| 10 | The splitting of H ₂ O can be carried out through | A. Photolysis B. Electrolysis C. Dialysis D. Hydrogenation |
| 11 | Which of the following gas does not exist free on earth. | A. N ₂ B. H ₂ C. O ₂ D. CH ₄ |
| 12 | Which of the following substance has been advocated as fuel of future. | A. O ₂ B. N ₂ C. H ₂ D. H ₂ O |
| 13 | The most promising technique for solar production of electricity is. | A. Dry cell B. Battery C. Solar cell D. None of above |
| 14 | Which of the following statement is not related with direct use of solar energy. | A. It is used for space heating of buildings B. It can be used to produce electrical power using photovoltaic cells C. It can be used to produce |

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| | | hydrogen gas D. It can be used start motor vehicle |
| 15 | Which of the following phenomenon are driven by solar energy. | A. Winds B. Water cycle C. Production of biomass D. All above |
| 16 | Which of the following is renewable energy source. | A. Moon B. Wind C. Sun D. Ocean |
| 17 | Solar energy mainly light originates from sun due to. | A. Addition relations B. Displacement reactions C. Thermonuclear reactions D. Substitution reactions |
| 18 | Which of the following source of energy is abundant everlasting and non polluting. | A. Nuclear B. Electric C. Solar D. All above |
| 19 | Major principle underlying the sustainability of natural ecosystems is that they run on. | A. Electric energy B. Solar energy C. Wind energy D. None of the above |
| 20 | Acute toxicity is expressed by the term | A. LD50 B. IC50 C. I 1/2 D. Mean life |
| 21 | The key element to be considered when evaluating a health hazard is. | A. The amount of material the employee is exposed. B. The total time of exposure C. The toxicity of the substance D. All above |
| 22 | The main active contaminants of nuclear reactors are. | A. Co- 60 B. Mn -54 C. Sr-60 D. All above |
| 23 | The main active contaminants of uranium processing are. | A. U - 235 B. U-238 C. Pu -234 D. All above |
| 24 | Which of the following process is a source of nuclear pollution. | A. Uranium mining B. Uranium processing C. Reactor waste D. All above |
| 25 | The alternate feasible fuel for existence of mankind to | A. Uranium B. Wood C. Bontonite D. Cloth residues |
| 26 | A man has to think of alternate sources of energy due to | A. Shortage of vehicles B. Shortage of fossil fuels C. Construction of house D. Running of power plant |
| 27 | Which of the following to non -auditory effect of noise on human body. | A. Changes in the Vascular tone B. _{Increase in the blood pressure} C. Wakening of the coloured vision D. All above |
| 28 | Which of the following level is an indicator of hearing loss. | A. > 25 dB B. < 25 dB C. $\pm 20\text{ dB}$ D. None of these |
| 29 | A high frequency sound has frequency | A. 100 Hz B. 200 HZ C. 300 Hz D. 500 Hz |
| 30 | Human hearing is sensitive to frequency in the range of about | A. 10,000 - 20,000 Hz B. 10 - 10,000 Hz C. 16- 20,000 Hz D. None of the above |