

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Which of the following statement is not correct with respect to hardness of water.	A. It is due to soluble salts of Na B. it is due to soluble salts of Ca C. It is due to soluble salts of Mg D. It is due to soluble salts of Fe
2	The hardness of water is due to the presence of dissolved soluble salts of.	A. Calcium B. Magnesium C. Iron D. All above
3	Water that easily forms a lather of films and froth when agitated with a soap solution called.	A. Hard water B. Heavy water C. Soft water D. Washing water
4	Which of the following statements is not related with principal requisites of water for industrial purposes.	A. It should be pure and cool B. It should not contain iron C. It contains less quantity of line D. It must be soft
5	Which of the following health effect is caused by cadmium.	A. Hypertension B. Cardiovascular problem C. Kidney damage D. All above
6	Which of the following health effect is caused by mercury.	A. Nerve damage B. Brain damage C. Kidney damage D. All above
7	Which of the following health effect is caused by lead.	A. Cancer B. Neurotoxin C. Hypertension D. Kidney damage
8	Which of the following process is used for the removal of gases.	A. Precipitation B. Chemical reaction in the atmosphere C. Absorption D. All above
9	Which of the following process is used for the removal of particulates.	A. Wet removal by precipitation B. Sedimentation C. Diffusion and impaction D. All above
10	Which of the following pollutants results from chemicals petroleum and paper industries.	A. SO <sub>2</sub> B. CO C. Hydrocarbons D. All above
11	Which of the following pollutant result from roasting and heating processes.	A. Dust B. Smoke C. Metal fumes D. All above
12	Which of the following pollutant result from combustion of fossil fuels.	A. SO <sub>2</sub> B. NO <sub>x</sub> C. CO D. All above
13	Which of the following pollutant results from combustion of fossil fuels.	A. SO <sub>2</sub> B. NO <sub>2</sub> C. CO D. All above
14	Which of the following statement is not true with respect to hydrocarbons.	A. They are gaseous and liquids B. They can be saturated or unsaturated C. They in air by themselves alone cause harmful effects D. They form photochemical oxidants
		A. It is a colorless and tasteless gas

15	Which of the following statement is related with CO.	<p>B. It has less affinity to words hemoglobin</p> <p>C. It has a boiling point of -192<sup>o</sup>C</p> <p>D. It is a dangerous asphyxiant</p>
16	Which of the following statement is no true with respect to nitrogen dioxide.	<p>A. It is produced by the oxidation of NO</p> <p>B. Its small concentration has been detected to lower stratosphere</p> <p>C. It is major pollutant</p> <p>D. It does not absorb sunlight.</p>
17	Which of the following statement is not related with nitric oxide.	<p>A. It is a colorless and odourless gas</p> <p>B. It is produced largely by fuel combustion</p> <p>C. It is a brown pungent gas</p> <p>D. It is oxidized to NO<sub>2</sub></p>
18	Which of the following statement is not relevant with nitrous oxide.	<p>A. It is a colorless and odourless gas</p> <p>B. It is non toxic gas</p> <p>C. It is present in the atmosphere in higher concentration</p> <p>D. It has high reactivity in the lower atmosphere</p>
19	Which of the following oxide formed in appreciable quantity in the atmosphere.	<p>A. NO</p> <p>B. NO<sub>2</sub></p> <p>C. N<sub>2</sub>O</p> <p>D. All above</p>
20	Which of the following gas form weakly acidic sulphurous acid	<p>A. SO<sub>2</sub></p> <p>B. SO<sub>3</sub></p> <p>C. NO<sub>2</sub></p> <p>D. NO</p>
21	Which of the following statement is not related with SO <sub>2</sub>	<p>A. It is a colourless gas</p> <p>B. It has sharp and pungent odour</p> <p>C. It is moderately soluble in water</p> <p>D. It is reduced slowly in clear air to H<sub>2</sub>S</p>
22	Which of the following trace elements may be present in the particulate materials.	<p>A. Cadmium</p> <p>B. Nickel</p> <p>C. Mercury</p> <p>D. Lead</p> <p>E. All of the above</p>
23	The most harmful components of incomplete combustion are generally grouped as particulate polycyclic matter organic (PPOM) These materials are derivatives of .	<p>A. Benzene</p> <p>B. Naphthalene</p> <p>C. Benz a pyrene</p> <p>D. None of the above</p>
24	Particulate from soil and mineral primarily contains	<p>A. Sodium compounds</p> <p>B. Calcium compounds</p> <p>C. Silicon compounds</p> <p>D. Calcium, aluminum and silicon compounds</p>
25	Which of the following substance is generally not considered an air pollutant.	<p>A. CO</p> <p>B. CO<sub>2</sub></p> <p>C. SO<sub>2</sub></p> <p>D. NO<sub>2</sub></p>
26	Which of the following pollutant is not secondary pollutant.	<p>A. SO<sub>3</sub></p> <p>B. NO<sub>2</sub></p> <p>C. SO<sub>2</sub></p> <p>D. Ozone</p>
27	Which of the following pollutant is not primary pollutant.	<p>A. Ash</p> <p>B. Smoke</p> <p>C. SO<sub>3</sub></p>
28	Which of the following substance is colloidal in nature.	<p>D. SO<sub>2</sub></p> <p>A. Clay</p> <p>B. Al<sub>2</sub>O<sub>3</sub></p> <p>C. Fe<sub>2</sub>O<sub>3</sub></p> <p>D. All above</p>
29	Which of the following substance is a volatile metals.	<p>A. Lead</p> <p>B. Zinc</p> <p>C. Mercury</p> <p>D. Sodium</p>
30	The reduction in ozone layer would lead to	<p>A. Temperature changes</p> <p>B. Rainfall failure</p> <p>C. Increase uv radiation on earth</p> <p>D. All above</p>

