

## MDCAT Chemistry Chapter 21 Environmental Chemistry Online Test

| Sr | Questions  | Answers Choice  |
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| 1  | Which of the following waste material is not recycled for use again  | A. Glasses<br>B. Paper<br>C. Plastic toys<br>D. Hides of animals  |
| 2  | Choose the chief air pollutant among the following which depletes ozone layer  | A. Carbon monoxide<br>B. Carbon dioxide<br>C. Chlorofluorocarbons and nitrogen oxides<br>D. Sulphur dioxide   |
| 3  | SO <sub>2</sub> and NO <sub>2</sub> cause pollution due to increase in   | A. Buffer action<br>B. Basicity<br>C. Acidity<br>D. Neutrality  |
| 4  | Why is carbon monoxide called as pollutant? The reason is that   | A. It combines with oxygen<br>B. It combines with haemoglobin<br>C. It inactivates glycolysis<br>D. It inactivates nerves   |
| 5  | Which is unnecessary for purification of water for drinking purposes   | A. Coagulation<br>B. Aeration<br>C. Treatment with iodine<br>D. Treatment with chlorine   |
| 6  | Which one of the following is not a component of environment   | A. Biosphere<br>B. Stratosphere<br>C. Hydrosphere<br>D. Lithosphere   |
| 7  | Which factor is helping to reduce the environmental pollution  | A. Urbanization<br>B. Industrialization<br>C. Increase of plantation<br>D. Rapid growth of population   |
| 8  | A single chlorine free radical can destroy how many ozone molecules  | A. 10<br>B. 100<br>C. 1000<br>D. 10000  |
| 9  | Newspapers can be recycled again and again by how many times   | A. 5<br>B. 2<br>C. 4<br>D. 3  |
| 10 | Fungicides are the pesticides which  | A. Kill plants<br>B. Kill herbs<br>C. Kill insects<br>D. Control the growth of fungus   |
| 11 | What is the effect of polluted air on environment  | A. Ozone<br>B. Acid rain<br>C. Global warming<br>D. Smog  |
| 12 | The gases in the atmosphere are essential for sustaining life on earth. Thus oxygen is required for breathing. What for is carbon dioxide required | A. To help plant to undergo photosynthesis<br>B. To destroy nitrogen oxide from the atmosphere<br>C. To help to clean the atmosphere<br>D. To help in fixing of bacteria  |
| 13 | In big/metropolitan cities, atmosphere is mostly polluted due to   | A. Radioactive fall out<br>B. Household waste<br>C. Pesticide residue<br>D. Automobile exhausts   |
| 14 | The reason of acid rains is  | A. Release of CO in excess by in complete combustion<br>B. Excess release of NO <sub>2</sub> and SO <sub>2</sub> from burning of fossil fuels<br>C. Excess release of CO <sub>2</sub> and SO <sub>2</sub> from burning of fossil fuels<br>D. Excess release of CO <sub>2</sub> and SO <sub>2</sub> from burning of fossil fuels |

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|    |  | C. Formation of excess $\text{CO}_2$ due to combustion and respiration<br>D. Formation of $\text{NH}_3$ in excess from industry and coal gas                          |
| 15 | Cyclone collector is used to reduce  | A. Noise pollution<br>B. Air pollution<br>C. Water pollution<br>D. Radioactive pollution  |
| 16 | The pH range of the acid rain is   | A. 6.5 - 6<br>B. Less than 5<br>C. 8 - 7.5<br>D. 7 - 6.5  |
| 17 | Proxy acetyl nitrate (PAN) is an irritant to human beings and it affect                    | A. Nose<br>B. Stomach<br>C. Eyes<br>D. Ears   |
| 18 | Ecosystem is a smaller unity of  | A. Nydosphere<br>B. Biosphere<br>C. Lithosphere<br>D. Attmosphere   |
| 19 | The temperature in the incineration of industrial and hazardons waster process had a range | A. 950 to 1300°C<br>B. 500 to 900°C<br>C. 250 to 500°C<br>D. 900 to 1000°C  |
| 20 | Choose the correct statements  | A. $\text{SO}_2$ affects the nucleus<br>B. $\text{SO}_2$ affects plasmodesmata<br>C. $\text{SO}_2$ affects cell wall<br>D. $\text{SO}_2$ affects all membrane systems |