

MDCAT Chemistry Chapter 21 Environmental Chemistry Online Test

| Sr | Questions | Answers Choice |
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| 1 | How can heavy metal contamination like the presence of Hg or Pb may be removed from the soil | A. by using water spray B. by blowing air C. by treating with EDTA and then flushing the heavy metal complex out of the soil D. by adding CaO |
| 2 | In addition to many pollutants present in ground water, a successful study was conducted to remove a highly Toxic chemical.What chemical is this | A. Cobalt B. Nickel C. Arsenic D. Sulphur |
| 3 | Amount of fresh water used by agriculture is | A. 2% B. 23% C. 69% D. 97% |
| 4 | For incineration temperature range is (in °C) | A. 700-800 B. 800-900 C. 900-1000 D. 1000-1100 |
| 5 | Which of spectral lines when atoms are subjected to strong electric field is called: | A. Compton effect B. Stark effect C. Zeeman effect D. Photoelectric effect |
| 6 | Which gas produces air pollution? | A. oxides of sulphur B. oxides of carbon C. all of these |
| 7 | NO and NO ₂ gases in atmosphere are represented by | A. NO B. NO ₄ C. NO _x D. N _x O _y |
| 8 | Agriculture consumes part of fresh water: | A. 1% B. 2% C. 69% D. 23% |
| 9 | Acidification of soil can leach metal: | A. Al B. Hg C. Pb D. Ca |
| 10 | Polycyclic aromatic hydrocarbons are taught to be | A. Disinfectant B. Carcinogenic C. Helpful D. Reactive |
| 11 | The 95.5% mass of Lithosphere is made of 11 elements i.e O ₂ , Si, Al, Fe, Ca, Na, K, Mg, Ti, H ₂ and P. Which element is present in trace amount | A. iodine B. bromine C. lead D. carbon |
| 12 | Main cause of reducing map is: | A. Combustion of coal B. NO and NO ₂ C. Un-burnt hydrocarbons D. All of these |
| 13 | Which factor is helping to reduce the environment pollution | A. rapid growth population B. urbanization C. industrialization D. increase of plantation |
| 14 | The main pollutant of leather in the waste water is due to the salt of: | A. Lead B. Chromium (VI) C. Copper D. Chromium (III) |
| 15 | Chemical equilibrium involving reactants and products in more than one phase is called: | A. Homogeneous B. Heterogeneous C. Dynamic D. Static |

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| | | D. Static |
| 16 | Mean residence time of methane in atmosphere in years is: | A. 1-7 B. 2-7 C. 3-7 D. 4-7 |
| 17 | Chemicals used to kill fungi are: | A. Herbicides B. Insecticides C. Pesticides D. fungicides |
| 18 | Phenomenon of acid rains gain importance in: | A. 1930s B. 1940s C. 1950s D. 1960s |
| 19 | A large hole in the ozone layer over antarctica region was discovered in: | A. 1960s B. 1970s C. 1980s D. 1990s |
| 20 | Sea gets polluted by accidental oil spills and | A. Atmospheric pressure B. Nitrogen gas C. Cargo oil tankers D. Aero plane |