

MDCAT Chemistry Online Test

| Sr | Questions | Answers Choice |
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| 1 | Primary, secondary and tertiary alcohols can be identified and distinguished by | A. Lucas test B. Iodoform test C. Baeyer's test D. Silver mirror test |
| 2 | Large molecule formed by combination of smaller units these smaller units are called: | A. Polymers B. Macromolecule C. Micromolecule D. a & b |
| 3 | The main source of natural fibre is | A. animal fibres B. vegetable fibres C. mineral fibres D. all of the above |
| 4 | Alkali metals react violently with halogens: | A. Halides B. Anhydrides C. Hydrides D. None of the above |
| 5 | The reaction between fat and NaOH is called | A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification |
| 6 | Water covers earth's surface more than: | A. 50% B. 60% C. 70% D. 80% |
| 7 | Which of the following is a primary alkyl halide | A. Isopropyl halide B. Sec-butyl halide C. Tert-butyl halide D. Neo-pentyl halide |
| 8 | Contamination of water of tanning industries is due to: | A. Cr(III) B. Cr(VI) C. Mn(III) D. Mn(VII) |
| 9 | The overall effect of the photochemical smog in the afternoon is built up of | A. Neutralization B. oxidizing agent C. Reducing agent D. Activating agent |
| 10 | The fibre which contains polymers of vinylidene chloride as a fibre-forming substance is known as | A. saran fibre B. nylon C. polyester D. acetate fibre |
| 11 | The total number of 3d-series transition elements is | A. 10 B. 40 C. 14 D. 58 |
| 12 | Which one of the following metals can replace copper from an aqueous solution of its salt more easily? | A. Cd B. Fe C. Zn D. Na |
| 13 | Which of the following compounds is solid at room temperature? | A. Ethanal B. Phenol C. Butane D. Methanol |
| 14 | Polyester resins have special use in: | A. Clothing B. Paints C. Emulsion D. Floor covering |
| 15 | Ozone gas has a boiling point: | A. Low B. High C. Medium D. Highest |

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| 16 | In order to maintain the boiling point of water at 110 C°, the external pressure should be | A. 550 torr B. between 500 and 760 tor C. between 760 and 1500 torr D. any pressure can be maintained |
| 17 | Ethyl and methyl groups are equidistant in a chain, the preference is given to? | A. Ethyl B. methyl C. both ethyl and methyl D. methyl mostly |
| 18 | In big/metropolitan cities, atmosphere is mostly polluted due to | A. Radioactive fall out B. Household waste C. Pesticide residue D. Automobile exhausts |
| 19 | N terminal of glutathione is | A. Glycine B. Cysteine C. Glutamate D. Aspartate |
| 20 | Which of the following solids does not have a covalent bond? | A. Silica B. Copper C. Diamond D. Graphite |
