

Chemistry

PR - XII (01) (23)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں۔ صرف صحیح جواب والے دائرے کو بھریں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا پن استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 20 Min

SECTION-A

Marks: 18

- 1) Grignard's reagent contains ____ metal.
 Fe Ca Mg Mn
 - 2) The bond angles of H-C-H and H-C-Cl bonds are ____.
 Less than 109.5° Greater than 109.5°
 Equal to 109.5° Equal to 120°
 - 3) 1,2,4,5-tetramethylbenzene is the IUPAC name of ____.
 Xylene Toluene Durene Mesitylene
 - 4) Optical activity of a compound is measured by an instrument called ____.
 Photometer Refractometer
 Polarimeter Calorimeter
 - 5) All of the given are alkanes except ____.
 C_3H_8 C_4H_{10} C_6H_{12} C_7H_{16}
 - 6) Oxa is the functional group of ____.
 Ester Aldehyde Ether Ketone
 - 7) Which of the given is not organic in nature?
 $NH_3-CO-NH_2$ NH_4CNO
 CH_3-OH CH_3Cl
-
- 8) The most stable oxidation state of manganese in acidic or neutral solution is ____.
 +2 +4 +6 +7
 - 9) Al_2O_3 is ____.
 Acidic oxide Basic oxide
 Neutral oxide Amphoteric oxide
 - 10) Which of the given is NMR inactive nucleus?
 ^{31}P 1H ^{15}N ^{16}O
 - 11) In combustion analysis CO_2 is absorbed by ____.
 $Mg(ClO_4)_2$ KOH CuO $CuSO_4$
 - 12) The height of the stratosphere is from ____.
 1 to 10 km 10 to 50 km
 50 to 85 km 85 to 387 km
 - 13) Total number of chlorine atoms in DDT are ____.
 3 4 5 6
 - 14) Proteins are polymers of ____.
 Glucose Disulphide bridges
 Peptide bonds Amino acids
 - 15) All are the derivatives of carboxylic acid except ____.
 Acid Halides Nitrile
 Alkyl Halides Ester
 - 16) Gem-Diol is the product of acid/base catalyzed reaction of water with ____.
 Aldehyde/ketone Carboxylic acid
 Alcohol Ether
 - 17) In Williamson's synthesis ____ pair of reactants, react with each other to form ether.
 R-OH and Na R-OH and R-Mg-X
 R-OH and R-O Na⁺ R-OH and R-OH
 - 18) Lucas reagent is ____.
 R-OH and HCl HCl and $ZnCl_2$
 R-OH and $ZnCl_2$ None of these