

Chemistry

PR - X (A-I-B5) (24)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں۔ صرف صحیح جواب والا دائرہ بھر دیں۔

۲۔ دائروں کو شید (بھرنا) کے لیے نیچے یا کسی رنگ کا پن استعمال کریں۔

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

Time: 15 Min

SECTION-A

Marks: 12

- 1) In which layer of atmosphere, weather balloons can fly;
- Troposphere Stratosphere
 Ozonosphere Mesosphere
- 2) Rock weathering is a major source for the production of;
- Oxides of nitrogen Oxides of carbon
 Oxides of Sulphur Volatile organic compounds
- 3) Which element is used for water disinfection?
- Fluorine Bromine Iodine Chlorine
- 4) Which of the given is the best method for disposal of solid waste?
- Land filling Recycling
 Burning Sea dumping process
- 5) Which of the given is the source of CO_2 in manufacture of urea (NH_2CONH_2)?
- Natural gas Coal Petroleum Coke
- 6) Liquid form of petroleum is called as;
- Asphalt Crude oil Diesel Petrol
- 7) Expression (Kc) for the given reaction is:
- $$3\text{NO}_2 + \text{H}_2\text{O} \rightleftharpoons 2\text{HNO}_3 + \text{NO}$$
- $\frac{[\text{NO}_2]^3 [\text{H}_2\text{O}]}{[\text{HNO}_3]^2 [\text{NO}]}$ $\frac{[\text{HNO}_3]^2 [\text{NO}]}{[\text{NO}_2]^3 [\text{H}_2\text{O}]}$
 $\frac{[\text{HNO}_3]^2 + [\text{NO}]}{[\text{NO}_2]^3 + [\text{H}_2\text{O}]}$ $\frac{[\text{NO}_2]^3 + [\text{H}_2\text{O}]}{[\text{HNO}_3]^2 + [\text{NO}]}$
- 8) NH_3 is a Lewis base because it:
- Accepts pair of electron Donates pair of electrons
 Donates a proton Produces OH^- ion
- 9) Which one of the given is an organic compound?
- Carbon monoxide Carbon dioxide
 Bicarbonates Phenol
- 10) Which statement is true about organic compounds?
- Ionic in nature Conductor of electricity
 Thermally instable Thermally stable
- 11) First three members of alkynes are:
- Solid Liquid Gas Plasma
- 12) Two sugar units are linked to each other by;
- Peptide bond Glycosidic bond
 Sulphur bond Hydrogen bond