

1 vii Chemistry
Multiple Choice Questions (MCQs)
(for 3rd Term)
CLASS: VII
SUBJECT: CHEMISTRY

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Chapter – 6

- Question 1) Which element lose electrons and acquire positive charge or become cation?
(a) metal (b) non- metal (c) metalloids (d) none of these
- Question 2) Which element forms negative ion?
(a) metal (b) non- metal (c) metalloids (d) none of these
- Question 3) Which of the following is an example of metal?
(a) aluminium (b) chlorine (c) bromine (d) iodine
- Question 4) Which of the following is an example of non-metal?
(a) bromine (b) aluminium (c) sodium (d) potassium
- Question 5) The property of a substance to allow heat energy to pass through it is called ____
(a) electrical conductivity (b) thermal conductivity (c) both a and b (d) none of these
- Question 6) The property of a substance that allows electric current to pass through it is called ____
(a) electrical conductivity (b) thermal conductivity (c) both a and b (d) none of these
- Question 7) Which of the following element has the property of sonorous?
(a) metal (b) non- metal (c) both a and b (d) none of these
- Question 8) Metals dissolved in a solvent by –
(a) Chemical means (b) physical means (c) both a and b (d) none of these
- Question 9) Non- metals dissolve by –
(a) chemical change (b) physical means (c) both a and b (d) none of these
- Question 10) Which of the following metal is liquid at ordinary temperature?
(a) Gold (b) mercury (c) platinum (d) silver
- Question 11) Which of the following non-metal has lustre ?
(a) hydrogen (b) iodine (c) bromine (d) chlorine
- Question 12) Which of the following metal is non-ductile?
(a) gold (b) silver (c) platinum (d) tin
- Question 13) Which of the following is bad conductor of heat and electricity?
(a) gold (b) lead (c) mercury (d) tin
- Question 14) Which of the following non-metal is a good conductor of heat and electricity?
(a) graphite (b) gas carbon (c) both a and b (d) none of these
- Question 15) Alloy is a _____
(a) homogeneous mixture (b) heterogeneous (c) both a and b (d) none of these
- Question 16) Which of the following element produces sound when struck with a hard object?
(a) metal (b) non- metal (c) both a and b (d) none of these
- Question 17) Metals generally forms _____
(a) basic oxides (b) acidic oxides (c) both a and b (d) none of these
- Question 18) Non- metals generally forms _____
(a) basic oxides (b) acidic oxides (c) both a and b (d) none of these
- Question 19) Which of the following nature is possessed by metals?
(a) electropositive (b) electronegative (c) both a and b (d) none of these
- Question 20) Which of the following nature is possessed by non- metals?
(a) electropositive (b) electronegative (c) both a and b (d) none of these
- Question 21) The property that allows metals to be hammered into their sheets is called _____
(a) ductility (b) malleability (c) sonorous (d) none of these
- Question 22) Silicon is an example of –
(a) metal (b) non- metal (c) metalloid (d) none of these
- Question 23) Silicon carbide commonly known as _____
(a) carbonium (b) carborundum (c) both a and b (d) none of these
- Question 24) Conditions required for rusting are _____
(a) air (b) water (c) both a and b (d) none of these
- Question 25) Which of the following method used to prevent iron from rusting?
(a) Paint (b) Grease or oil (c) Galvanizing (d) all of these

Chapter – 7

- Question 1) What is the percent of nitrogen in atmosphere?
(a) 30% (b) 50% (c) 78% (d) 2%
- Question 2) What is the atomic weight of oxygen?
(a) 18 (b) 16 (c) 12 (d) 10
- Question 3) Who has obtained the oxygen gas first?
(a) Scheele (b) Joseph priestly (c) Rutherford (d) none of these
- Question 4) Magnesium is burnt in air, to form _____
(a) oxide (b) magnesium oxide (c) hydroxide (d) none of these
- Question 5) On heating potassium chlorate at about 350°C, it evolves _____
(a) oxygen gas (b) hydrogen gas (c) Chlorine gas (d) none of these
- Question 6) Which of the following is act as a catalyst in formation of oxygen?
(a) potassium chlorate (b) manganese dioxide (c) potassium chloride (d) none of these
- Question 7) A substance which changes the rate of a chemical reaction without itself changing in the reaction is
(a) products (b) reactant (c) catalyst (d) none of these

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- Question 8) Oxygen can be liquefied at –
 (a) -153°C (b) -183°C (c) 183°C (d) 174°C
- Question 9) Oxygen reacts with almost all the element to form its compounds called –
 (a) oxides (b) hydroxide (c) catalyst (d) none of these
- Question 10) Oxygen gas converts carbon into _____
 (a) carbon dioxide (b) hydrogen (c) carbide (d) none of these
- Question 11) When sulphur reacts with oxygen it forms –
 (a) sulphur oxide (b) sulphur dioxide (c) hydrogen sulphide (d) none of these
- Question 12) Oxygen reacts with phosphorus to give –
 (a) phosphorus oxide (b) phosphorus dioxide (c) phosphorus trioxide (d) phosphorus pentoxide
- Question 13) What is the formula of phosphorus pentoxide?
 (a) PO_5 (b) P_5O_2 (c) P_4O_5 (d) P_2O_5
- Question 14) Which is the correct formula of manganese dioxide?
 (a) MnO_2 (b) Mn_2O (c) MnO (d) MnO_3
- Question 15) Oxygen reacts with sodium metal to form –
 (a) sodium oxide (b) sodium hydroxide (c) sodium sulphide (d) none of these
- Question 16) Which chemical is used to detect the chemical nature of the sodium oxide?
 (a) red litmus solution (b) blue litmus solution (c) both a and b (d) none of these
- Question 17) Iron oxide is formed, when iron reacts with –
 (a) oxygen (b) hydrogen (c) sulphur (d) none of these
- Question 18) When calcium metal is ignited, it forms –
 (a) white calcium oxide (b) pale blue flame (c) calcium hydroxide (d) none of these
- Question 19) The rain that contains sulphuric, nitric and carbonic acids is called –
 (a) harmful rain (b) acid rain (c) both a and b (d) none of these
- Question 20) The chemical reaction in which oxygen combines with other elements –
 (a) reduction (b) oxidation (c) both a and b (d) none of these
- Question 21) The lowest temperature required by a substance to catch fire –
 (a) Ignition temperature (b) boiling point (c) melting point (d) none of these
- Question 22) A gradual increase in the overall temperature of the earth's atmosphere due to increase of carbon dioxide, CFCs and other pollutants is called -
 (a) Green house effect (b) global warming (c) both a and b (d) none of these
- Question 23) Which gas is responsible for ozone layer depletion and skin cancer?
 (a) carbon monoxide (b) nitrogen oxide (c) chlorofluorocarbon (d) none of these
- Question 24) A plant or animal that is capable of producing disease is called –
 (a) organism (b) individual (c) pathogen (d) none of these
- Question 25) Oxides of carbon and nitrogen causes –
 (a) asthma (b) bronchitis (c) both a and b (d) none of these

