

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The number of unpaired electrons in Mn^{2+} is	A. 5 B. 4 C. 3 D. 2
2	Which has the least oxidizing power?	A. F_2 B. Cl_2 C. Br_2 D. I_2
3	If absolute temperature of a gas is doubled and the pressure is reduced to one half, the volume of gas will :	A. remain unchanged B. increase four times C. reduce to 1/4 D. be doubled
4	The configuration $1s^2 2s^2 2p^5 3s^1$ shows	A. Excited state of O_2 B. Excited state of neon C. Excited state of fluorine D. Ground state of fluorine atom
5	Which of the following ions has more electrons than protons and more protons than neutrons.	A. D^- B. D_2O^+ C. He^+ D. OH^-
6	Electron affinity depends on	A. Atomic size B. Nuclear charge C. Atomic number D. Atomic size and nuclear charge both
7	When acetylene is passed through a copper tube at $300^\circ C$, it polymerizes to	A. Polyacetylene B. polyethylene C. Benzene D. None of these
8	Which one of the following substance is not used as drying agent in desiccators	A. Silica gel B. $CaCl_2$ C. Phosphorous D. $NaCl(50\%)$
9	Reaction of Grignard's reagent with formaldehyde gives:	A. pri-alcohol B. sec-alcohol C. ter-alcohol D. carboxylic
10	Transition elements form which type of bond	A. Ionic bonds only B. Covalent bonds only C. Ionic and covalent bonds D. Polar bonds
11	Pakistan in the beginning was a country :	A. Industrial B. Chemical C. Agrarian D. Technologies
12	A bond between two atoms may be obtained by sharing of electrons such a bond is called	A. An ionic bond B. A coordinate bond C. A dative bond D. A covalent bond
13	Dehydration of glycerol give	A. Propane B. Propene C. Acrolein D. Benzene
14	The other name for distribution law is	A. Dispersive law B. Partition law C. Avogadro's law D. separation law
15	The compound prepared by a substitution reaction of benzene is	A. Acetophenone B. Glyoxal C. Cyclohexane D. Benzene

		D. Hexabromo cyclohexane
16	Electrochemical series is a list of element S arranged into the increasing order of their	A. Standard oxidation potential B. Standard reduction potential C. Cell voltage D. Ionization potential
17	Which is the used as test for the presence of alkenes	A. Reaction of cold dilute alkaline KMnO_4 B. Combustion C. Polymerization D. Catalytic hydrogenation
18	The total number of transition elements is:	A. 10 B. 14 C. 40 D. 50
19	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
20	Which of the following polymers is used for weather resistant paints	A. Arcylic resins B. Polyvinyl acetate C. Polystyrene D. PVC