

ECAT Chemistry Online Test

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Sr	Questions	Answers Choice
1	The valency of noble gases, in general, is	A. Zero B. One C. Three D. Two
2	Glycogen is stored in	A. Animals B. Plants C. Soil D. None of these
3	Alcohols are derivatives of:	A. Benzene B. Alkanes C. Alkens D. Alkynes
4	At present the number of cement factories is Pakistan are	A. 20 B. 22 C. 25 D. 30
5	On adding sodium nitroprusside ketones give	A. Red B. Wine red C. White D. Orange
6	Who gave the concept of atomic number	A. Newton B. Mosley C. Dalton D. Newland
7	With increasing principle quantum number, the energy difference between adjacent energy levels in H atom	A. Decreases B. Increases C. Remains constant D. Decreases for low value of Z and increase for higher value of Z
8	Maximum hydrogen bonds in water are	A. 4 B. 3 C. 2 D. 8
9	Oxidation of 2-propanol gives	A. Propanone B. Butanone C. Pentanone D. None of these
10	Which one of the following has highest density	A. Zn B. Os C. Ni D. Cu
11	The decrease in radius in large for:	A. Monovalent ions. B. Trivalent ions. C. Divalent ions. D. Atoms.
12	Which of the following expressions show a heterolytic bond fission	
13	Which set of hybrid orbitals has planar triangle shape?	A. sp ³ B. sp C. sp ² D. dsp ²
14	Borax is hydrated:	A. Penta B. Deca C. Hepta D. Octa
		A. Metals <o:p></o:p> B. Positively charged <o:p></o:p> C. Negatively charged <o:p></o:p>

15	Metal tend to lose electrons, becoming:	D. (a) < span style="font-variant-numeric: normal; font-variant-east-asian: normal; font-stretch: normal; font-size: 7pt; line-height: normal; font-family: "Times New Roman";"> [endif] And (c) <o:p> </o:p>
16	Which one of the followings is a heterocyclic compound	A. Cyclohexanol B. Phenol C. Pyridine D. Anthracene
17	Which of the following pair contains isomers of each other	A. Propanoic acid and propanone B. Acetone and acetaldehyde C. Ethyl alcohol and diethyl ether D. Methyl alcohol and dimethyl ether
18	Zeotropic mixture	A. Obey Henry's law B. Obey Raoult's law C. Does not obey Raoult's law D. Obey Dalton's law
19	Precipitation will occur until the ionic product becomes	A. Equal to K _{sp} B. Lesser than K _{sp} C. Greater than K _{sp} D. None of these
20	The protein which only yield amino acids and their derivatives	A. Simple proteins B. Complex proteins C. Derived protein D. All of these