

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The number of spherical nodes in 3p orbitals are	<p>A. One B. Three C. Non D. Two</p>
2	Essential amino acids are those amino acids which	<p>A. Body can not synthesize B. Body can synthesize C. α-amino acids D. β-amino acids</p>
3	Which of the hydrogen halides has the highest percentage of ionic character	<p>A. HCl B. HBr C. HF D. HI</p>
4	Alcohols reacts with Grignard reagent to form	<p>A. Alkanes B. Alkenes C. Alkynes D. All</p>
5	Compounds having the same molecular formula, but different functional groups show	<p>A. Metamerism B. Position isomerism C. Chain isomerism D. Functional group isomerism</p>
6	Alkyl halides are considered to be very reactive compounds towards nucleophiles because	<p>A. They have an electrophilic carbon B. They have an electrophilic carbon and a good leaving group C. They have an electrophilic carbon and a bad leaving group D. They have a nucleophilic carbon and a good leaving group</p>
7	What will react differently with the two isomeric pentols, $(\text{CH}_3)_3\text{CCH}_2\text{OH}$ and $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{OH}$	<p>A. Acidified (aq) KMnO_4 B. Concentrated H_2SO_4 C. PCI D. Sodium</p>
8	Which of the following is not an element?	<p>A. Graphite B. Diamond C. 22-Carat gold D. Rhombic sulphur</p>
9	When CO_2 is made to react with ethyl magnesium iodide, followed by hydrolysis, the product formed is:	<p>A. Propane B. Propanoic acid C. Propanal D. Propanol</p>
10	Allotropic forms of oxygen Te, Se are	<p>A. Two B. Three C. Four D. Five</p>
11	Which alloy contains 50% copper, 25% zinc and 25% nickel	<p>A. German silver B. Gun metal C. Bell metal D. Brass</p>
12	Aromatic hydrocarbons are the derivatives of:	<p>A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane</p>
		<p>A. Simple proteins</p>

13	The protein which only yield amino acids and their derivatives	B. Complex proteins C. Derived protein D. All of these
14	Which gas is not a constituent of atmosphere	A. Xe B. O ₃ C. H ₂ D. F ₂
15	Which is not a calcareous material	A. Lime B. Clay C. Marble D. Marine shell
16	The example of colligative property is	A. Boiling point B. Osmosis C. Freezing point D. Osmotic pressure
17	An organic acidi having molecular formula C ₂ H ₄ O ₂ is	A. Formic acid B. Acetic acid C. Oxalic acid D. Propionic acid
18	The available chlorine is bleaching power is	A. 25-30% B. 30-35% C. 35-40% D. 40-45%
19	Zeotropic mixture	A. Obey Henry's law B. Obey Raoult's law C. Does not obey Raoult's law D. Obey Dalton's law
20	Which one is primary alcohol?	A. Buten-2-ol B. Propan-2-ol C. Butaon-1-ol D. 2,3-Dimethylhexane-4-ol