ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Alcohols reacts with Grignard reagent to form	A. Alkanes B. Alkenes C. Alkynes D. All
2	One mole of oxygen confined in a cylinder fitted with a piston is an example of	A. Surrounding B. System and surrounding C. System D. State function
3	Mass of simple electron is:	A. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">9.1 x 10⁻³¹ kg<o:p></o:p> B. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">9.1 x 10⁻³⁰ kg<o:p></o:p> C. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">1.66 x 10⁻³¹ kg<span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"><o:p></o:p> D. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">9.1 x 10⁻³¹ kg<o:p></o:p>
4	Primary and secondary alcohols on action of red hot copper give	A. Aldehydes and ketones respectilvely B. ketones and aldehydes respectively C. Only aldehydes D. Only ketones
5	Benzene does not undergo polymerization and it is also resistant to	A. Reduction B. Oxidation C. Alkylation D. Ozonolysis

6	Optical activity is possible in	A. Oxalic acid B. Acetic acid C. Tartaric acid D. Formic acid
7	Sulphuric acid generates nitronium ion by reacting with	A. Nitric acid B. Nitrogen gas C. Nitrous acid D. Potassium nitrate
8	Gaseous HF exists in the form of	A. Monomers B. Cyclic hexames C. As single entity D. Both (a) and (b)
9	The example of a photo chemical reaction is photosynthesis has order of reaction :	A. 1 B. 2 C. 0 D. 3
10	The solid remained on filter paper during filtration is called the	A. Substance B. Residue C. Undue D. Filtrate
11	Halogens are called.	A. salt former B. Light bearing C. copper forming D. None of these
12	Alcohol can be prepared from Grignard's reagent with an aldehyde: If we start with formaldehyde the product alcohol with be	A. Primary B. Secondary C. Territory D. Aromatic
13	Two or more similar monomers combine to form:	A. Homopolymer B. Copolymer C. Ter polymer D. Thermoplastic polymers
14	The elements of sub-group A are called	A. Transition elements B. Main elements C. Typical elements D. Rare earth elements
15	Rearrangement of an oxime to an amide in the presence of strong acid is called	A. Curtius rearrangement B. Fries rearrangement C. Beckman rearrangement D. Aldol condensation
16	Reation of which with Grignard's reagent gives primary alcohol:	A. Formaldehyde B. Aldehyde C. Ketones D. Acetone
17	Grignard's reagent on treatment with carbonyl compounds yield	A. Pheonol B. Alcohol C. Alkane D. None of these
18	What is the packet of energy called?	A. Electron B. Photon C. Positron D. Proton
19	Diamond is a bad conductor because	A. It has a tight structure B. It has a high density C. there is no free electron present in the crystal of diamond of conduct electicity D. Is transparent to light
20	The number of elements in the first, second and third period are	A. 2, 8, 18 B. 8, 2, 18 C. 2, 18, 8 D. 2, 8, 8