

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following is a natural polymer?	A. Terylene B. Polysaccharide C. Nylon D. Polyethene
2	Estimation of Na in sea water is an example of	A. Numerical analysis B. Qualitative analysis C. Quantitative analysis D. None of above
3	Which of the following polymers is used for weather resistant paints	A. Arcylic resins B. Polyvinyl acetate C. Polystyrene D. PVC
4	Which of the following reactions occur at moderate rate :	A. Rusting of iron B. Chemical weathering of stone work of buildings by acidic gases in atmosphere. C. Hydrolysis of an ester D. Fermentation of sugars
5	The raw material to form nylon is	A. Adipic acid B. Butadiene C. Isoprene D. Ethylene
6	The alkyl halide is converted into an alcohol by	A. Addition B. Substitution C. Dehydrohalogenation D. Elimination
7	The acid used in lead storage cells is	A. Phosphoric acid B. Nitric acid C. Sulphuric acid D. Hydrochloric acid
8	First atomic theory was put forward by an English school teacher:	A. Maxwell B. Newton C. Sanger D. John Dalton
9	Standard reduction electrode potential of three metals A, B and C are respectively + 0.05 V, -3.0 and -1.2V. The reducing power of	A. B > C > A B. A > B > C C. C > B > A D. A > C > B
10	Which of the following is halo form	A. CHBr_3 B. CHCl_3 C. CHI_3 D. All of these
11	A compound X contains 50% sulphur and 50% oxygen by mass. What is the empirical formula of compound X?	A. SO B. SO_2 C. SO_3 D. SO_4
12	The example of colligative property is	A. Boiling point B. Osmosis C. Freezing point D. Osmotic pressure
13	The structure of benzene is	A. Hexagonal B. Pyramidal C. Square planer D. Tetrahedral
14	Which is not a calcarious material	A. lime B. clay C. marble D. marine shell
15	A property which differs fluorine from the other halogens?	A. Direct combination with inert gases B. Uninegative C. Diatomic

D. ns^{2+} ,
 np^{5+}

16 Exposure to CO results in

- A. Headache
- B. Fatigue
- C. Unconsciousness
- D. All of these

17 Which of the following acid can be used as a catalyst in Friedal Craft's reactions

- A. AlCl_3
- B. HNO_3
- C. BeCl_2
- D. NaCl

18 Halogens are called

- A. Salt former
- B. Light bearing
- C. Copper forming
- D. none of these

19 Carboic acid is the other name for

- A. Methanol
- B. Ethanol
- C. Propanol
- D. Phenol

20 The higher molecular weight materials which yield on hydrolysis the amino acids is called:

- A. Carbohydrates
- B. Lipids
- C. Fatty acids
- D. Proteins