

PPSC Chemistry Part II Organic Chemistry Online Test

C-	Overtions	Angunya Chair-
Sr	Questions	Answers Choice
1	Ziegler -Natta catalysta is	A. (C2H3)3 AI B. TiCl4 C. (C2H5)3 AI/TiCl4 D. (C2H3)3 B/TiCl2
2	The addition of HCl in the presence of poroxule does not follow anti Markovnikov's rule because.	A. HCl bond is too strong to be broken homolytically B. Cl atom is not reative enough to add on to a double bond C. Cl combines with H to give back HCl D. HCl is a reducing agent.
3	Which of the following statements not correct with the concept of Bronsted concept of acids and bases.	A. An acid can donate a proton B. A base can accept a proton C. This concept has many bases that have OH- ions D. This concept is more general
4	Soft drinks and baby feeding bottles are generally made up	A. Polyeater B. Polyurethens C. Polyamide D. Polyetyrene
5	The decrease in electron density at one position accompanied by a corresponding increase at other position is called.	A. Inductive effect B. Asymmetric effect C. Electromeric effect D. Resonance effect
6	Combination of a -amino acid through which linkages results result in formation of protein	A. Ester linkage B. Glycosidic linkage C. Lactum linkage D. Peptide linkage
7	The decomposition of dimethyl ether at 504 oC is first order with a half-life of 1570 second. What fraction of an initial amount of dimethyl ether remain after 47-10 seconds.	A. 1/3 B. 1/6 C. 1/8 D. 1/16
8	Which is not true about polymers.	A. Polymers do not carry any charge B. Polymers have high viscosity C. Polymers scatter light D. Polymers have low molecular weight
9	For a compound to act as a dye it must have	A. A suitable colour B. Ability to fix to fibre C. Both A and B D. None of these
10	Which one of the following is natural polymer.	A. Starch B. Nylon-6 C. Neoprene D. Buna-S, SBR
11	Which of the following statements is not correct with respect to applications of Hammett equations.	A. It develops a quantitative relationship between structure and reactivity B. This equation on can be used to calculate the value of pK _a C. This equation does not help to calculate the rate of some reactions D. This equation has mechanistic implications
12	Amino acids have	A. Acidic group B. Basic group C. Both of these D. None of these
13	Identify the incorrect statement regarding crystallization from the following.	A. It is an important procedure for purifying solids B. The impurities are removed by filtering the solution

	,	C. Crystals are separated by filtration D. In crystallization method, the solid is dissolved in a solvvent in which it is soluble at all temperature.
14	a-terpioneol is obtained on hydration of which of the following with dilute H2SO4.	A. Citral B. Myrcene C. Linalool D. Limonene
15	Chlorine when attached to benzene has	A. +1 and + R effect B1 and - R effect C1 and +R effect D. None of the above
16	High density polyethylene has which type of structure.	A. Linear B. Branch chain C. Cross linked D. Any one of these
17	The study of coiled long peptide chains of protein to give a 3 dimensional structure is the study of.	A. Primary structure B. Secondary structure. C. Tertiary structure D. Quaternary structure.
18	Which of the following is a triphenylmethane dye.	A. Auramine G B. Crystal violes C. Fluorescein D. Fast green O
19	In hydrogen bonding a hydrogen atom is bonded to which of the highly electronegative atoms.	A. N B. O C. F D. N,O,F
20	The electrophile in the sulphonation of benzene is.	A. SO3 B. SO3H C. HSO4 D. SO2