

## PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Carbohydrates are characterized by the presence of.	A. Hydroxyl group B. Carbony group C. Asymmetric carbon D. All of these
2	Which one of the following is natural polymer.	A. Starch B. Nylon-6 C. Neoprene D. Buna-S, SBR
3	Lactic acid is a molecule which shows	A. Epimersim B. Tautomerism C. Opical isomerism D. Metamerism
4	Which of the following products is obtained when but 2-ene is treated with perchloric acid.	A. CH3CHO only B. CH3COOH only C. CH3CHO and CH3COOH D. CH3CH2COOH + HCOOH
5	A terpenoid which has as alcoholic group in the molecule is.	A. Citral B. Camphor C. Menthol D. Carvone
6	Dyes which can be applied to cellulosic fibre from water solution are called.	A. Ingrain dyes B. Substantive dyes C. Mordant dyes D. Vat dyes
7	Dyes used in photographic plates to make them panchromatic is.	A. Cyanine dyes B. Azine dyes C. Phthalocyanine dyes D. Acridine dyes
8	Which of the following is used to make non-stick material.	A. Vinyl cyanide B. Tetrafluoroethene C. Vinyl chloride D. Styrene
9	Which of the following compounds has highest dipole moment.	A. Dichloromethane B. Chloroform C. Chloromathane D. All above
10	A salt solution is treated with chloroform drops. Then it is shaken with chlorine water, chloroform layer become violet solution contains.	A. NO2 ion B. NO3 ion C. Br ion D. I- ion
11	When alkyl iodidies are decomposed by light then the product obtained is.	A. R - R B. R - H C. RCH2I D. RCH12
12	The base which in not present in DNA is	A. Adenine B. Guanine C. Thymine D. Cytosine
13	Among the following statements in the nitration of aromatic compounds, the false one is.	A. The rate of nitration of benzene is almost the same as that of hexadeutero benzene B. The rate of nitration of toluene is greater than that of benzene C. The rate of nitrationof benzen is greater than that of hexadeutero benzene. D. Nitration in an electrophite substitution reaction.
14	Which of the following is not a characteristics of terponoids.	A. They are pleasant smelling liquids B. They are steam volatile C. They are nitrogenous bases

		D. They are insoluble in water
15	The most stable carbonium ion is	A. See butyl B. n-butyl C. Tert butyl D. None of the above
16	Sterols are steroids having the functional gruup.	A. Ketonic B. Al;coholic C. Phenolic D. Aldehydic
17	The dye which is a constituent of Skiffs reagent used for detection formaldehyde group is.	A. Gentain violet  B. Megneta C. Phenolphthalein D. Rosolic acid
18	According to R, S system the correct order of priority of the following groups is .	ACH2OH > - CHO > COOH BCOOH >CHO > CH2OH C CH2OH> - COOH >CHO D COOH > - CH2OH > CHO
19	What is the activation energy of a reaction whose rate constant increases by a factor of 100 upon increasing the temperature from 300 K to 360 K.	A. 27 B. 35 C. 42 D. 69
20	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