

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Acid rain effects	A. Human being B. Crops C. Aquatic life D. All above
2	In the extraction of iron, the furnace change consists of iron ore, coke and limestone. The function of limestone is to act as.	A. An oxidizing agent B. A reducing agent C. Flux D. Slag
3	Which of the following statements is not correct regarding electromagnetic spectra?	A. The frequency of microwave is less than uv B. The velocity of X-rays is more than uv C. Cosmic rays have shorter wave length than radio waves. D. The frequency of uv is greater than visible rays.
4	Beside the common silica based SPE particles, polymer supports are also available They have advantages over silica based SPE particles, Which of the following reason is possible.	A. These are stable over a wide pH range. B. These do not possesses residual silica groups C. These are designed to be wettable and have high capacity than silica base particles. D. All above
5	For the respiration of sea divers mixture is used.	A. He & O2 B. Ar & O2 C. Ne & O2 D. Kr & O2
6	Which of the following proportion is associated with the covalent nature of the compound.	A. It conducts electricity in molten stater or aqueous state B. It is a non electrolyte C. It has high m.p. D. It is a compound of a metal and non metal.
7	Which of the following can act both as a Bronsted acid and a Bronsted base.	A. Na2CO3 B. OH- C. HCO3- D. NH3
8	In confining and growing nano roade CNTs will act as.	A. Template B. Support C. Source of oxidant D. Sieve
9	A gas obeying the van Waals equation will closely resemble and ideal gas if	A. The parameters 'a' and 'b' are small B. 'a' is small but 'b' is large C. 'a' is large but 'b' is mall D. None of the above
10	Which of the following carbides reacts with H2O to form propane.	A. Al4C3 B. CaC2 C. SiC2 D. Sic
11	Alums are generally used	A. In Dying and water proofing of fabric B. In arrest bleeding C. IN water purification D. All above
12	Group IV A consist of elements	A. 3 B. 4 C. 5 D. 6
13	Homolytic fission of convalent bond results in the formation of.	A. Free redicals B. Carbocations C. Carbonions

		D. Both B and C
14	ls a chain silicate	A. Olivine B. Tremolite C. Beryl D. Zeolite
15	Hydrocarbon X (C6H12) on oxidation with hot alkaline (KMnO4) gives a mixture of prop ionic acid and dimethyl ketone. The structure of compound X is	A. CH3CH = CHCH2CH2CH3 B. (CH3)2 C = CH CH2 CH3 C. CH3CH2CH = CHCH2CH3 D. (CH3)2 C = C (CH3)2
16	When HCl is titrated against NaOH , the pH at the equivalence point is.	A. zero B. > 7 C. < 7 D. 14
17	Soap is soluble in grease because it	A. Is non polar B. Has a hydrophobic head C. Has a hydrophobic tail D. Has an ionic head and a hydrocarbon tail
18	Aluminium reacts with boiling water to liberatedi hydrogen gas along with the formation of.	A. Aluminium oxide B. Aluminium hydroxide C. Aluminium suboxide D. Aluminium superoxide
19	A half cell reaction is one that	A. Occurs at one electrode B. Goes only half way to completion C. Involves a half mole of the concentration of the solution D. Always oxidizes
20	Cobalt salt imparts which colour to the borax bead	A. Blue B. Green C. Red D. Yellow