

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	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
2	Petrol can be saved by	A. Driving at a constant and moderate speed B. Ensuring correct type pressure C. Switching off the engine at traffic lights D. All of these
3	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
4	Chlorine is used in	A. Sterilizatin of water B. Extractionof gold C. Bleaching of cotton D. All above
5	The value of Kw increase with temperature because the ionization of water.	A. Positive B. Negative C. Endothermic D. Exothermic
6	Which of the following statements is not related with principal requisites of water for industrial purposes.	A. It should be pure and cool B. It should not contain iron C. It contains less quantity of line D. It must be soft
7	AlCl ₃ fumes in air because of.	A. Hydrolysis B. Dehydration C. Hydration D. Oxidation
8	The device that convert the chemical energy of fuel directly into electrical energy is called.	A. Galvanic cell B. Electrolytic cell C. Fuel cell D. Concentration cell
9	PCRA stand for	A. Pollution control research association B. Petroleum conversation Research association C. Petroleum control research association D. All of above
10	Main constituent of all inorganic matter	A. Carbon B. Silicon C. Tin D. Lead
11	Which of the following is not related to the limitations of Bohr's model.	A. It does not applicable to more than one electron system. B. It does not explain the extra lines obtained in the H-spectrum C. It considers the electron as particle D. It considers the electron as a wave.
12	What element is added to copper to increase its strength and fatigue propertioes.	A. Silicon B. Aluminium C. Beryllium D. Copper

A. The inter molecular forces of attraction are not strong in gaseous state
B. The inter molecular forces of attraction are strong in gaseous state
C. The inter molecular forces of attraction are not strong in liquid state
D. The inter molecular forces of attraction are strong in liquid state

13	Which of the following statement is not related to the characteristics of gaseous state.	B. The gases do not have definite shape and volume C. The gases are characterized by low density. D. The gases have low compressibility
14	Which of the following level is an indicator of hearing loss.	A. > 25 dB B. < 25 dB C. < 20 dB D. None of these
15	Hydrogen bonds holding the strand to nucleic acids are formed between	A. Sugar and base units B. Base unit C. Sugar and phosphate units D. Sugar units
16	The quantum yield of a Photo chemical reaction is	A. Always less than unity B. Always equal to unity C. Always greater than unity D. Can have any value > 0 depending on the reaction
17	Which of the following substance is released into environment in the nuclear power plants.	A. Iodine -131 B. Argon - 41 C. Sr-90 D. Cs- 137 E. All above
18	The yellow colour of chromates changes to orange red on acidification, due to the formation of.	A. Cr^{3+} B. Cr_2O_3 C. $\text{Cr}_2\text{O}_7^{2-}$ D. CrO_3
19	What is a process of producing a hard surface in a steel having a sufficiently high carbon content to respond to hardening by a rapid cooling of the surface?	A. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;line-height:normal">Cyaniding B. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;line-height:normal">Nitriding C. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;line-height:normal">Flame hardening D. class="MsoNormal" style="margin-bottom:0in;margin-bottom:.0001pt;line-height:normal">Stability
20	Glycerol on dehydration gives	A. Allyl alcohol B. Acrolein C. $\text{CHOH} = \text{C} = \text{CHOH}$ D. $-\text{CHO} - \text{CHOH} - \text{CH}_2\text{OH}$