

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Low quality steels with an M. Suffix on the designation intended for non structural application is classified as.	A. Merchant quality B. Commercial quality C. Drawing quality D. Low quality
2	Select the major product obtained from the addition of HBr to I -Methyl cyclohexene	A. 1-bromo -2- methyl cyclohexane B. 6- bromo-i- methyl cyclohex -i- ene C. 3- bromo -1- methyl cyclohex - 1- ene D. I-bromo -I- methyl cyclohexane
3	The efficiency of a reversible heat engine depends only on the	A. Temperature of the heat sink B. Temperature of the heat source C. Temperature of the heat source and sink D. Pressure of the fluid
4	Which of the following statement is not correct regarding the stern theory of charge on colloidal particles.	A. The colloidal particle has a charge distribution at its surface. B. In the immediate vicinity of the colloidal particles there is an excess of counter ions C. The greater the concentration and charge of ions in the diffused electrical double layer. the larger is the thickness of the layer D. At large distance from the colloidal particles, the concentration of coions and counter ions are almost equal
5	Commercial or the phosphoric acid is pure.	A. 37.0% B. 82.98% C. 88.25% D. 90.12%
6	The chrome vanadium steels contain how many percent of vanadium.	A. 0.15 to 0.30 B. 0.05 to 0.15 C. 0.30 to 0.45 D. 0.45 to 0.60
7	Which of the following cast irons is a high carbon, iron carbon silicon alloy.	A. Deorizers B. Deoxidizers C. Deoxifiers D. Deterrent
8	Pick out the ideal conditions needed for the manufacture of H2SO4 by contact process.	A. Low temperature high pressure and high concentration of reactants B. Low temperature, low concentration of reactants and low pressure C. High temperature high pressure and high concentration of reactants D. Low temperature, low pressure and high concentration of reactants.
9	Electronegativity of Oygen is.	A. 2.5 B. 3.5 C. 2.4 D. 2.1
10	Which of the following property of liquids concern with the interval resistance to its flow.	A. Refractive inded B. Viscosity C. Optical activity D. Dipole moment
11	The term 'brass' is very commonly used to designate any alloy primarily of.	A. Copper and zinc B. Aluminum and iron C. Copper and aluminum D. Zinc and nickel
12	Which of the following substance act as photochemical oxidant	A. Ozone B. NOx C. peroxyacetyl nitrate D. All above

13	What is a process for making glass reinforced shapes that can be general by polling resin impregnated glass stands though a die.	A. Continuous pultrusion <div> </div> B. Bulk molding C. Vacuum bag forming D. Computational analysis
14	At higher altitudes, the boiling point of water is lowered because.	A. Atmospheric pressure is low B. Temperature is low at high altitude C. Atmospherics pressure increase D. None of the above
15	The pH of the tears is	A. 7.0 B. 7.4 C. 7.8 D. 8.2
16	Number of unpaired electrons in Cu2+ ions are.	A. 1 B. 2 C. 3 D. 4
17	In group 17, the element with highest first ionization enthalpy belongs to.	A. Period 1 B. Period 2 C. Period 7 D. Period 6
18	Not a Characteristic property of ceramic material	A. High temperature stability B. High mechanical strength C. Low elongation D. Low hardness
19	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
20	Which one of the following has the highest boiling point.	A. H2O B. H2S C. H2Se D. H2Te