

## PPSC Chemistry Part VI Applied/Industrial Chemistry Online Test

Sr	Questions	Answers Choice
1	Which substances is not used as an additive in paper industry.	A. Glucose B. Starch C. Alum D. None of these
2	The brown colour of the pulp obtained from chemical pulping is due to the present of	A. Chlorine B. <p>Residual lignin</p> C. <p>Sodium hydrochlorite</p> D. All above
3	Most commercial glasses consist of	A. Lime B. Soda C. Silica D. All
4	Not a major contributor of engineering ceramics	A. SiC B. SiO <sub>2</sub> C. Si <sub>3</sub> N <sub>4</sub> D. BH <sub>3</sub>
5	During the preparation of soap the liquid separated by distillation is	A. Sodium hydroxide B. Oil C. Fats D. Glycerol
6	Natural gas can be transported through	A. Cylinders B. Pipes C. Barriers D. All of above
7	What ASTM test for shear strength is designated for plastics.	A. D 732 B. D 790 C. D 695 D. D 638
8	Purpose of sizing is.	A. To increase the strength B. To improve formation C. To increase resistance toward water D. To remove wastes
9	Steel is an alloy of iron and carbon with limits on the amount of carbon to less than _____ percent.	A. 2 B. 3 C. 1 D. 4
10	Which of the following cast irons is a high carbon, iron carbon silicon alloy.	A. Deorizers B. Deoxidizers C. Deoxidifiers D. Deterrent
11	The number of Glass products now manufactured is.	A. 25,000 B. 75,000 C. 50,000 D. All of these
12	Which of the following is NOT a hardware requirement for die casting.	A. <p>Water cooled metal cavities</p> B. <p>Machined metal holding blocks</p>

		<p>C. <b>Ejection mechanism</b></p> <p>D. <b>Metal mold</b></p>
13	Which of the following is NOT true 7 ceramic materials are.	<p>A. Hard, have high densities high compressive strength and very good thermal resistance and strength at higher temperature Silicon</p> <p>B. Hard, have low densities high compressive strength and very good thermal resistance and strength at higher temperature.</p> <p>C. Hard, have low densities low compressive strength and very good thermal resistance and strength at higher temperature.</p> <p>D. <b>Hard, have low densities' high compressive strength and very good thermal resistance and strength at higher temperature.</b></p>
14	While compacting the concrete by a mechanical vibrator, the slump should not exceed.	<p>A. 2.5 cm</p> <p>B. 10 cm</p> <p>C. <b>3.1 cm</b></p> <p>D. 5.0 cm</p>
15	Which of the following potassium fertilizers are more useful for horticultural crops tobacco and potatoes.	<p>A. <b>KNO<sub>3</sub></b></p> <p>B. KCl</p> <p>C. HNO<sub>3</sub></p> <p>D. H<sub>2</sub>SO<sub>4</sub></p>
16	What is the approximate chromium range of a ferritic stainless steel.	<p>A. 12% to 18%</p> <p>B. <b>16% to 20%</b></p> <p>C. 20% to 24%</p> <p>D. 12% to 16%</p>
17	_____ is used for Annealing	<p>A. <b>Klin</b></p> <p>B. Batch</p> <p>C. Converter</p> <p>D. Oven</p>
18	Final paper wound in the form of a reel having final moisture of about.	<p>A. <b>6-8%</b></p> <p>B. 9 - 12 %</p> <p>C. 13-15 %</p> <p>D. 4 - 10%</p>
19	The group H steels can be used in what temperature range.	<p>A. <b>600&lt;sup&gt;o&lt;/sup&gt;C to 1100&lt;sup&gt;o&lt;/sup&gt;C</b></p> <p>B. 1000 &lt;sup&gt;o&lt;/sup&gt;C to 1500 &lt;sup&gt;o&lt;/sup&gt;C</p> <p>C. 1100 &lt;sup&gt;o&lt;/sup&gt;C to 2000 &lt;sup&gt;o&lt;/sup&gt;C</p> <p>D. 200 &lt;sup&gt;o&lt;/sup&gt;C to 800 &lt;sup&gt;o&lt;/sup&gt;C</p>
20	What is a process for making glass reinforced shapes that can be general by pulling resin impregnated glass strands through a die.	<p>A. <b>Continuous pultrusion</b></p> <p>B. Bulk molding</p> <p>C. Vacuum bag forming</p> <p>D. Computational analysis</p>