

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

Sr	Questions	Answers Choice
1	Which of the following cast irons is a high carbon silicon alloy.	A. Gray iron B. White iron C. Malleable iron D. Alloy iron
2	Which of the following cast irons is a high carbon, iron carbon silicon alloy.	A. Deorizers B. Deoxidizers C. Deoxifiers D. Deterrent
3	A steel cannot qualify for stainless prefix until it has at least how many percent of chromium.	A. 10 % B. 20 % C. 5 % D. 30 %
4	What combination of elements has high electrical resistance high corrosion resistance, and high strength at red hear temperatures, making it useful in resistance heating.	A. Aluminium bronze B. Nichrome C. Hastelloy D. None of above
5	What refers to the tin mill steel, without a coating.	A. White plate B. Black plate C. Tin steel free D. Dichromate tin
6	What letter suffix steel identification means that it is steel with boron as an alloying elements.	A. xxL xx B. xxBxx C. xxHxx D. xxKxx
7	What is prefix in steel identification means it is made in an electric furnaced.	A. E B. H C. B D. Z
8	What prefix in steel identification means composition varies from normal limits.	A. E B. B C. X D. F
9	Which of the following statements is NOT true .	A. About 10% of the earth's crust is iron B. Pure iron does not have significant industrial use because it is too weak and soft. C. Steel in an alloy of carbon and iron with limits on the amount of carbon D. None of above
10	What is the purpose of molybdenum in steel alloying.	A. To increase dynamic and high temperature strength and hardness B. To increase brittleness C. To increase corrosion and resistance D. All above
11	The use of acids to remove oxides and acids on hot worked steels is known as	A. Tempering B. Picking C. Machining D. Sizing
12	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
13	What is the ASTM tension testing designation for standard method for steel products.	A. A 370 B. E 345 C. E8 D. E 9
14	What ASTM test for shear strength is designated for plastics.	A. D 732 B. D 790 C. D 695 D. - - -

		D. D 638
15	What ASTM test for compression is designated for plastics.	A. D 638 B. D 695 C. D 790 D. D 732
16	What ASTM test for tension is designated for plastics.	A. A 370 B. D 638 C. E 292 D. None of these
17	Galvanized steel are steel products coated with	A. Carbon B. Sulphur C. Zinc D. Iron
18	Steel that are used for axles, gears, and similar parts requiring medium to high and strength are known as.	A. Medium carbon steel B. Low carbon steel C. Very high carbon D. High carbon steel
19	What group of steels are molybdenum high speed steels.	A. Group A B. Group D C. Group M D. Group H
20	The group of steel are water hardened tool steels.	A. Groups S B. Groups W C. Groups O D. Group F