

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave other blank.

1. 1. Formula of chloroform is:
A) CCl_4 B) CHCl_3 C) CH_2Cl_2 D) CH_3Cl
2. The chemist who synthesized urea from ammonium cyanate was:
A) Berzelius B) Kolbe C) Wohler D) Lavoisier
3. Which of these polymers is a synthetic polymer?
A) animal fat B) starch C) cellulose D) polyester
4. Co-ordination number of Pt in $[\text{Pt}(\text{Cl})(\text{NO}_2)(\text{NH}_3)_4]^{2+}$ is
A) 1 B) 2 C) 4 D) 6
5. All of following are included in calcareous materials except:
A) lime B) clay C) marble D) marine shell
6. The solution of which acid is used for seasoning of food?
A) formic acid B) acetic acid C) benzoic acid D) butanoic acid
7. Oxidation of NO in air produces
A) N_2O B) N_2O_2 C) N_2O_4 D) N_2O_5
8. Rectified spirit contains about how many percent of alcohol?
A) 80 % B) 85 % C) 90 % D) 95 %
9. The reaction between fat and NaOH is called:
A) esterification B) hydrogenolysis C) fermentation D) saponification
10. Which of following element is not abundantly present in earth's crust?
A) silicon B) aluminum C) sodium D) oxygen
11. Non-metals are present in which block of periodic table?
A) s-block B) p-block C) d-block D) f-block
12. Which halogen occurs naturally in a positive oxidation state?
A) fluorine B) Chlorine C) bromine D) iodine
13. For which mechanisms, the first step involved is the same?
A) E_1 and E_2 B) E_2 and SN_2 C) SN_1 and E_2 D) E_1 and SN_1
14. Which of the following will have the highest boiling point?
A) methanal B) ethanal C) propanal D) 2-hexanone
15. Aromatic hydrocarbons are the derivatives of:
A) alkanes B) alkenes C) benzene D) cyclohexane
16. The pH range of the acid rain is:
A) 7 - 6.5 B) 6.5 - 6 C) 6 - 5.6 D) less than 5
17. Which hydroxide gets decomposed on heating?
A) LiOH B) NaOH C) KOH D) RbOH