

SPECIAL TEST - USES

- The coordination number of ZnS is (J- 10)**
a) 3 b) 4 c) 6 d) 8
- The coordination number of CsCl is**
a) 8 b) 6 c) 4 d) 3
- The coordination number of NaCl is**
a) 8 b) 6 c) 4 d) 3
- The coordination number of FeS is**
a) 8 b) 6 c) 5 d) 3
- Which of the following Crystal has 8:8 structure**
a) MgF₂ b) CsCl c) KCl d) NaCl
- The general electronic configuration of P block elements**
a) ns²np¹⁻⁶ b) ns²np¹ c) ns²np¹⁻³ d) none of these
- The general electronic configuration of Boron family is**
a) ns²np¹⁻⁶ b) ns²np¹ c) ns²np¹⁻³ d) none of these
- The general electronic configuration of carbon family is**
a) ns²np² b) ns²np³ c) ns²np⁴ d) none of these
- The general electronic configuration of oxygen family is**
a) ns²np² b) ns²np³ c) ns²np⁴ d) none of these
- The general electronic configuration of Halogen family is**
a) ns²np⁵ b) ns²np³ c) ns²np⁴ d) none of these
- The general electronic configuration of inert gases is**
a) ns²np⁵ b) ns²np⁶ c) ns²np⁴ d) none of these
- The general electronic configuration of Nitrogen family is**
a) ns²np⁵ b) ns²np³ c) ns²np⁴ d) ns²np²
- The general electronic configuration of transition elements is**
a) (n-1)d¹⁻¹⁰ ns¹⁻² b) (n-1)d¹⁻⁹ ns¹⁻² c) (n-1)d¹⁻⁰ ns¹⁻² d) none of these
- The general electronic configuration of lanthanide is**
a) [54xe] 4f¹⁻¹⁴ 5d¹6s² b) [54xe] 4f¹⁻¹⁴ 5d¹6s³
c) [54xe] 4f¹⁻¹⁴ 6d¹6s² d) [54xe] 4f¹⁻¹⁴ 6d¹6s³

15. The general electronic configuration of actinide is
- a) $[Rn] 5f^{0,1-14} 6d^1 7s^3$ b) $[Rn] 5f^{0,1-14} 6d^{0,1-2} 7s^2$
c) $[Rn] 5f^{0,1-14} 6d^1 7s^2$ d) none of these
16. The compound used to arrest the bleeding is
- a) K_2SO_4 b) Potash alum c) $Al_2(SO_4)_3$ d) KI
17. The metal used in galvanising iron sheet is
- a) cr b) Zn c) Cu d) Ag
18. The substance used in making ruby red glass and high class pottery is
- a) colloidal silver b) purple of cassius c) ruby silver d) rupy copper
19. is used in gas lamp material .
- a) MnO_2 b) CeO_2 c) N_2O_5 d) Fe_2O
- 20 . The isotope used as power source in long mission space probes is (M-06)
- a) U - 235 b) Pu - 235 c) Pu - 238 d) U – 238
- 21 . Emulsifying agent is used for
- a) precipitation of an emulsion b) coagulation of an emulsion
c) stabilization of an emulsion d) none of these
- 22 . the colloid used stomach disorder is
- a) colloidal silver b) colloidal antimony
c) colloidal gold d) milk of magnesia
- 23 . medicine used as an eye lotion is
- a) silver sol b) colloidal gold c) colloidal antimony d) milk of magnesia
24. medicine used as an curing kalazar is
- a) silver sol b) colloidal gold c) colloidal antimony d) milk of magnesia
25. is used as an intramascular injection.
- a) silver sol b) colloidal gold c) colloidal antimony d) milk of magnesia
26. use of chloropicrin (CCl_3NO_2) is
- a) Explosive b) dye c) anaesthetic d) sterilizing agent
27. the ether used in perfumery is
- a) methyl phenyl ether b) dimethyl ether
c) ethyl phenyl ether d) diphenyl ether
28. glycerol is used a) as a sweetening agent b) in manufacture of soap

- C) in the manufacture of glycerine d) all of these
- 29. Benzyl alcohol is isomeric with**
- a) cresol b) anisole c) phenol d) a and b
- 30 . compound which is used as medicine for asthma and whooping cough is**
- a) benzyl acetate b) ethyl acetate c) benzyl benzoate d) benzyl formate
- 31. which among the following compounds has the fragrance of jasmine ?**
- a) ethyl benzoate b) ethyl acetate c) benzyl acetate d) benzyl benzoate
- 32. ia used an antiseptic and germicide .**
- a)phenol b) benzyl alcohol c) glycol d) glycerol
- 33. which of the following compounds used as a coolant in aeroplane engines.**
- a)glycol b) glycerol c)benzyl alcohol d)phenol
- 34. urotropine is used in medicine for**
- a) hypnotic b) urinary infection c) paraldehyde d) sulphonal
- 35. which of the following compounds used as sulphonal in medicine.**
- a)acetone b) acetaldehyde c)benzaldehyde d)benzoic acid
- 36. medicine used for throat infection .**
- a)benzaldehyde b) tincture benzoin c)urotropine d)hypnotic
- 37. pyridoxal aldehyde derived from vitamin.**
- a)Vitamin A b) Vitamin B6 c) Vitamin B12 d) Vitamin C
- 38. Which of the following compound used as hypnotic and perfumery.**
- a)acetone b) acetophenone c) benzophenone d) none of these
- 39. diphenyl carbinol is also called.....**
- a)hypnone b) urotropine c) mesitylene d) benzhydrol
- 40. which of the following compounds using haloform reaction.**
- a)CH₃CO - b) (CH₃)₂CHOH- c) (CH₃)₃COH d) a and b
- 41. is used as urinary antiseptic , food preservative.**
- a)benzoic acid b) salicylic acid c) acetic acid d) methyl salicylate
- 42. is used the preparation of azo dyes.**
- a) benzoic acid b) salicylic acid c) acetyl chloride d) acetic acid
- 43. Acetamide is used** a) leather tanning b) plasticizer in cloth
- c) soldering flux d) all of these

44. manufacture of azo dyes

- a) benzoic acid b) salicylic acid c) benzene diazonium chloride d) b and c

45. compound which is used as medicine for sulphadiazine drugs.

- a) acetamide b) aniline c) benzene diazonium chloride d) none of these

46. is used in purification of water.

- a) potash alum b) silicones c) argyrols d) milk of magnesia

47. lead is used a) telephone wires

b) bullets

- c) lead pipes d) all of these

48. Is used as container to store hydrofluoric acid.

- a) CaF_2 b) UF_6 c) Teflon d) All of these

49. salts are used as mordants and in the manufacture of coloured glass and pottery.

- a) Cr b) Ni c) Zn d) Au

50. plates and rods are used in batteries and dry cells.

- a) Zn b) Cr c) Ag d) Au

51. The metal used in photography, silver plating, electrodes

- a) Zn b) Cr c) Au d) Ag

52. $\text{K}_2\text{Cr}_2\text{O}_7$ is used

- a) volumetric analysis b) photography c) leather industry d) all of these

53. Is used as a germicide and insecticide in agriculture.

- a) AgNO_3 b) ZnCO_3 c) purple of cassius d) $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

54. Compound which is used for curing skin diseases, pigment for rubber and preparation of cosmetics .

- a) AgNO_3 b) ZnCO_3 c) purple of cassius d) CuSO_4

55. use of Bordeaux mixture is

- a) fungicide b) insecticide c) fever d) skin disease
