FIRST MID TERM TEST - 2024 CHEMISTRY

Std

12.4

4e : 1.30 HR

Answer all the question.

Carbola acid is

- a) Phenol

- b) Pierre acid (c) Benzoic acid (d) Phenyl a chi acid
- Williamson synthesis & preparing dimethyl ether is
 - a) 5N1 reaction

- b) 5N2 reaction
- c) Electrophilic addition
- d) Electrophilic Substitution.
- The rate constant of a reaction is 5.8 X 10-2 S-1. The order of the reaction is 3.
 - a) First order

b) Zero order

c) Second order

- d) Third order
- 4. The crystal with a metal deficiency defect is
 - a) NaCl
- b) Zno
- c) KCI
- d)Feo
- 5 Which among the following plot gives Ellingam diagram?
 - a) \(\Delta \sigma \) VsT
- b) $\Delta G^{\circ} Vs \frac{1}{T}$ c) $\Delta G^{\circ} Vs T$
- d) AG°VST2
- o. Which among the following is not a Borane?
 - a) B₂ H₆
- b) B₃H₆ c) B₂H₁₀

- Most easily liquefiable gas is 7.
 - a) Ar
- c) He
- d) Kr

Half life period for First order reaction 8.

a)
$$I_{1/3} = \frac{2.303}{K}$$

b)
$$t_{02} = \frac{K^2}{2.303}$$

c)
$$t_{02} = \frac{0.6933}{K}$$

a)
$$t_{1/2} = \frac{2.303}{K}$$
 b) $t_{1/2} = \frac{K^2}{2.303}$ c) $t_{1/2} = \frac{0.6932}{K}$ d) $t_{1/2} = \frac{K}{0.6932}$

- 9. Which of the following is used as the source of gamma rays?
 - a) Xe
- b) Rn
- c) Ar

d) Kr

- 10. Duralumin is an alloy of
 - a) Cu, Mn
- b) Cu, Al, Mg c) Al, Mn
- d) Al. Cu, Mn, Mg

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Kindly Send Me Your Key Answer to Our email id - Padasalai.net@gmail.com

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