31. Which is the unit of (K) rate constant for zero order reaction?

A. s-1
B. mol dm-3 s-1
C. mol-1 dm3 s-1
D. mol-2 dm6 s-1

Answer: Option B

32. Nitrates of which pair gives different products on thermal decomposition

A. Na K
B. Mg Ca
C. Li Na
D. Li Ca

Answer: Option C

33. Which is carnalite

A. KCI
B. NaCI
C. KCI MgCl2 6H2O
D. Na2CO3. 10H2O

Answer: Option C

34. Keeping in view the size of atom which is in correct order

A. Mg > Sr
B. Ba > Mg
C. Lu > Ce
D. CI > 1

Answer: Option B

35. Which one does not give borax bead test

A. Copper sulphate
B. Barium sulphate
C. Cobalt sulphate
D. Nickel sulphate

Answer: Option B

36. Which one is not the use of silicones

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A. Lubricant
B. Water repellent film
C. Rubber sheet
D. Medicine

Answer: Option D

37. The most reactive allotropic form of phosphorus is

A. White
B. Redox potential
C. Black
D. Violet

Answer: Option A

38. Chemical composition of cinnabar is

A. FeS2
B. HgS
C. PbS
D. ZnS

Answer: Option B

39. Which molecule has the highest bond energy among the halogens

A. Fluorine
B. Chlorine
C. Iodine
D. Bromine

Answer: Option B

40. When chlorine is passed through hot solution of caustic soda the reaction is said as

A. Displacement
B. Reduction
C. Disproportionation reaction
D. Double displacement reaction

Answer: Option C

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