11. Which of the following sulphates is not soluble in water?

A. Sodium sulphate
B. Potassium sulphate
C. Zinc sulphate
D. Barium sulphate

Answer: Option **D**

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12. The element cesium bears resemblance with

A. Ca
B. Cr
C. Both of the above
D. None of the above

Answer: Option **D**

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13. The ore CaSO4.H2O has the general name

A. Gypsum
B. Dolomite
C. Calcite
D. Plaster of Paris

Answer: Option **A**

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14. Downs cell is used to prepare

A. Sodium carbonate
B. Sodium bicarbonate
C. Sodium metal
D. Sodium hydroxide

Answer: Option **C**

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15. Which element is produced at the cathode during the electrolysis of brine in Nelsons cell?

A. H2
B. Na
C. C?2
D. O2

Answer: Option **A**

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16. Ammonia may be prepared by heating ammonium chloride with

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A. Water
B. NaCl
C. Aqueous sodium hydroxide
D. H2SO4

Answer: Option C

17. Calcium carbide is prepared by heating lime with coke at
A. 2500?C
B. 2600?C
C. 2700?C
D. 2800?C

Answer: Option D

18. Crystals of Na2CO3. 10H2O when exposed to air
A. Lose water and remain solid
B. Gain water and remain solid
C. Gain water and become liquid
D. Remains unchanged

Answer: Option A

19. Which one of the following substances conducts electricity by the movement of ions?
A. Graphite
B. Copper
C. Molten sodium chloride
D. Mercury

Answer: Option C

20. Which one of the following gives white precipitate with aqueous solution of BaC?2?
A. NaHCO3
B. NaNO3
C. Na2CO3
D. Na2CrO4

Answer: Option C

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