

11. Estimation of amounts of different components in a sample is

- A. Quantitative analysis B. Qualitative analysis
C. Stoichiometry D. Physical chemistry

Answer: Option A

12. The technique used to separate components of mixture in solid phase.

- A. Crystallization B. Filtration
C. Sublimation D. Solvent extraction

Answer: Option C

13. The solid which is left over the filter paper as a result of filtration

- A. Insoluble particles B. residue
C. crystals D. mud

Answer: Option B

14. Size of filter paper is selected according to the amount of

- A. solution B. amount of insoluble solute
C. amount of soluble solute D. Amount of solvent

Answer: Option B

15. Gooch Crucibles are made up of

- A. plastic B. fibre
C. porcelain D. steel

Answer: Option C

16. Rate of filtration can be increased by applying gentle suction

- A. Gooch crucible B. Filter paper

C. Sintered crucible

D. All of the above

Answer: Option B

17. Sintered crucible is made up of

A. Plastic

B. glass

C. porcelain

D. fiber

Answer: Option B

18. The tip of funnel should touch the wall of the breaker in order to avoid

A. Inconsistent flow of filtration

B. splashing

C. premature crystallization

D. all of above

Answer: Option B

19. Separation of a solid from its hot saturated solution by cooling is called

A. vapourization

B. solvent extraction

C. filtration

D. crystallization

Answer: Option D

20. In crystallization if the solvent is inflammable then direct heating is

A. needed

B. avoided

C. depends on temperature

D. crystallization does not involve heating

Answer: Option B