

Question Bank
Subject- Pharmaceutical Engineering
Sem- III, Year- Second Year Bpharm
Syllabus CBCS

Each question carries 2 M

Q.1 Standards for powders for pharmaceutical purposes are laid down principally in the

- A. Indian Pharmacopeia
- B. Remington
- C. Annals of Chemistry
- D. Chemical Abstracts

Q.2. Coarse Powder generally referred as...

- A. 14/44 powder
- B. 18/44 powder
- C. 12/44 powder
- D. 10/44 powder

Q.3. Copper Alloys is combination of

- A. alginate and phosphor-bronze
- B. brass and gelatin-bronze
- C. brass and phosphor-glass
- D. brass and phosphor-bronze

Q.4.depends on the movement of a fluid against the direction of sedimentation of the particles.....

- A. Separation
- B. Extraction
- C. Sedimentation
- D. Elutriation

Q.5. Suspension is introduced tangentially at high velocity causing rotatory movement happened in.....

- A. Terbula mixture
- B. Elutriator
- C. Cyclone Separator
- D. Fluidized Separator

Q.6. If the Reynolds number is less than 2000, the flow in a pipe is?

- A. Turbulent
- B. Laminar
- C. Sideways
- D. Perpendicular

Q.7. Property of fluid that describes its internal resistance is known as

- A. Viscosity
- B. Friction
- C. Resistance
- D. Internal energy

Q.8. A Newtonian fluid is defined as the fluid which site

- A. Obeys Hook's law
- B. Is compressible
- C. Obeys Newton's law of viscosity
- D. Is incompressible

Q.9. Stress strain relationship for Newtonian fluid is

- A. Parabolic
- B. Hyperbolic
- C. Linear
- D. Inverse type

Q.10. Reynolds number equation is modification of

- A. Stocks law equation
- B. Kicks Law equation
- C. Ficks law equation
- D. Hooks Law Equation

Q.11. In a steady state the total energy per unit mass consists of pressure, kinetic and potential energies are constant is true for

- A. Bernoulli's theorem
- B. Reynolds number
- C. Newtonian fluid
- D. Non-Newtonian fluid

Q.12. Free surface of a liquid tends to contract to the smallest possible area due to force of

- A. Surface tension
- B. Viscosity
- C. Friction
- D. Cohesion

Q.13. A manometer is used to measure

- A. Atmospheric pressure
- B. Pressure in pipes and channels
- C. Friction
- D. Pressure in Venturimeter

Q.14. Correct sentence regarding evaporation is

- A. Constituents must be thermoliable
- B. Liquid must be viscous
- C. Solvents must be non-volatile
- D. Solvents must be Volatile

Q.15. Factors increasing the efficiency of evaporation is

- A. Moisture content
- B. Volume of liquid
- C. Velocity flow
- D. Viscosity of liquid

Q.16. Size reduction helps to

- A. Increase Size
- B. Decrease absorption
- C. Decrease solubility
- D. Decrease size and increase solubility

Q.17. Moh's scale is representation of

- A. Hardness
- B. pH
- C. Moisture content
- D. Stability

Q.18. Which of these is not a unit of crystal

- A. Atoms
- B. Ions
- C. Molecules
- D. Particles

Q.19. Rate of evaporation is

- A. directly proportional to the temperature of liquid
- B. indirectly proportional to the temperature of liquid
- C. directly proportional to the volume of liquid
- D. indirectly proportional to the volume of liquid

Q.20. Which of the following factors do not affect the rate of evaporation

- A. Temperature of liquid
- B. Humidity of surrounding air
- C. Depth of liquid
- D. Surface of liquid