

Examrace

Competitive Exams: Pharmacy MCQs (Practice_Test 28 of 29)

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1. Amide group appears at which frequency in ir spectra
 - a. 1750 cm⁻¹
 - b. 3000 cm⁻¹
 - c. 800 cm⁻¹
 - d. none
2. The ideal particle size for aerosol systems to deliver drugs to the deep lung area is
 - a. 100 to 200 mm
 - b. 1 to 10 mm
 - c. 5 to 100 mm
 - d. 1 to 5 mm
3. Which of the following are not methods used to increase permeability of macromolecules through skin?
 - a. senophoresis
 - b. iontophoresis
 - c. electroporation
 - d. dermaphoresis
4. Lipophilicity of a drug in water is determined by
 - a. charge of molecule
 - b. log p
 - c. water temperature
 - d. all of the above
5. The degree of repulsion between adjacent particles of similar type in dispersed system is controlled by
 - a. nernst potential

- b. zeta potential
 - c. both a and b
 - d. none of the above
6. In a mixture of 30% span 80 (hlb = 4.3) & 70%. Tween 80 (hlb = 15). What is the overall hlb value?
- a. 9.65
 - b. 10
 - c. 11.8
 - d. none
7. When the plot of $-d\ln c/dt$ vs $\ln c$ is horizontal line parallel to x-axis the order of reaction is
- a. second
 - b. first
 - c. zero
 - d. cannot say
8. Healthy subjects are evaluated in which phase of drug development
- a. phase i
 - b. phase ii
 - c. phase iii
 - d. phase iv
9. Finished capsules normally contain an equilibrium moisture content of
- a. 10 – 12%
 - b. 13 – 16%
 - c. 17 – 18%
 - d. 40 – 60%
10. Which of the following does not yield a number average molecular weight?
- a. viscometry
 - b. osmometry
 - c. cryometry

d. ebulliometry

11. Starch is digestible by humans, but cellulose is not
 - a. starch contain a linkage in polysaccharide
 - b. starch contain b linkage in polysaccharide
 - c. both a and b
 - d. none
12. The particle size of adsorbent in hptlc is
 - a. 0.5 – 20 mm
 - b. 10 – 50 mm
 - c. 10 – 15 mm
 - d. none
13. The long form of cdsco is
 - a. central drugs standards control organisation
 - b. central drugs & cosmetic organisation
 - c. central for drugs & cosmetics
 - d. central drug standards & cosmetics organisation
14. The long form of wipo is
 - a. world intelleclutal patent office
 - b. world interRNAtional patent office
 - c. world intellectual property organisation
 - d. world intellectual property office
15. The first EMR (exclusive marketing right) was granted in india to
 - a. cipla
 - b. ranbaxy
 - c. sun pharma
 - d. novartis