

- 12) Dose dumping is problem in the formulation of -----
 a) Compressed tablet b) Suppository
 c) Soft gelation capsule d) Controlled release dry product
- 13) pH of human tear is -----
 a) 7.2 b) 7.6
 c) 8.0 d) 4.6
- 14) Ophthalmic solution is sterilized by -----
 a) Autoclaving b) Bacterial proof filter
 c) a & b d) Hot air oven
- 15) At what concentration of sodium chloride is isotonic with blood plasma?
 a) 0.5% w/v b) 0.9% w/v
 c) 15% w/v d) 20% w/v
- 16) The disintegration time of sugar coated tablet is ----- minutes
 a) 30 b) 45
 c) 60 d) 75
- 17) The normal capsule shell contain ----- of moisture.
 a) 9-12% b) 15-18%
 c) 12-15% d) None
- 18) Talcum powder is most effectively sterilized by
 a) Autoclave b) Dry heat
 c) Gaseous d) Millipore
- 19) The type of glass suitable for packing of parenteral product is -----
 a) Type – I b) Type – III
 c) Type – II d) Only type I & II
- 20) LAL is?
 a) Lipoidal amebic leucocyte b) Limulus amebocyte lysate
 c) Lysate & lymphocytes d) Lysate Amebocyte lymphatic.

2. Long answer question (Solve **any two)**

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- a) Write a selection of container & closure of parental.
- b) Explain In-process Quality control and final product quality control test for capsule.
- c) Explain Evaluation of liquid oral official in pharmacopoeia.

3. Short answer question (solve **any seven)**

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- a) Give a detail dentifrices.
- b) Write a general procedure for preparation of parenterals.
- c) Write a filling & packaging of liquid.
- d) Write evaluation of pharmaceutical Aerosols.
- e) Give a detail processing problem of tablet coating.
- f) Write Quality control test for parenteral products.
- g) Write a pelletization process.
- h) Write a Raw material for capsule shell.
- i) Write a general procedure for preparation of parenteral.
