

Saraswathi Vidya Bhavan's college of Pharmacy, Dombivli

Final Year B Pharm Sem VIII CBCS

Subject – Pharmaceutics Lab IV

Sample Viva Questions

1. How to stabilize Ascorbic acid Injection IP?
2. Why Overages are added in Ascorbic acid Injection?
3. Comment on 5HMF
4. What is the role of Disod EDTA, SOD.Metabisulphite ?
5. What is BET?
6. Explain Lal test
7. What are Biological Indicators?
8. What is spray cooled autoclave technique?
9. Explain sealing of ampoules
10. What are evaluation tests for Parenterals
11. List QC tests for WFI
12. What is WFI ?
13. What are pyrogens?
14. Give pyrogen detection methods
15. What is nucleation ?, how it will affect formulation?, justify with example
16. Comment on Types of Glass
17. Give significance of Hydrolytic Resistance test
18. What is fragmentation test?
19. Give evaluation of Rubber closures
20. What is eye ointment?
21. What is bioavailability?
22. What are limits for Particle counts as per IP for Ophthalmic Ointment?
23. Comment on Aseptic operation
24. What are evaluation tests for Ophthalmic ointments?
25. What are composition of waxes in Ophthalmic ointments?
26. Give Labeling For Calcium Gluconate Injection IP
27. Give Labeling for Ascorbic Acid Injection IP
28. Give Labeling for Nacl Dextrose Injection IP
29. How to stabilize Nacl Dextrose Injection IP
30. What is isotonicity?
31. What is Hypotonic ?
32. What is hypertonic?
33. What are limitations of Parenteral dosag forms?
34. What are advantages of Parenteral dosag forms?
35. What is residue on evaporation test?

36. What is membrane filtration?
37. How to make water Apyrogenic?
38. What is sterile WFI ?
39. What is composition of Mucin?
40. What is mucoadhesive DDS?
41. list theories of mucoadhesive DDS
42. what is use of Retardant material in Buccal Patch?
43. what is folding endurance?
44. what is bioadhesion?
45. which are factors responsible for bioadhesion?
46. what is hydrophilic retardant ?
47. what are SRDDS?
48. List Evaluation of SRDDS
49. Give Examples of hydrophilic retardant materials
50. Give formulation consideration of SSDDS
51. What is weight variation test?
52. What is sink condition?
53. What is nominal volume?
54. Why G4 Filters are used ?
55. What is tip sealing?
56. Difference in ampoule and vials
57. What are LVP?
58. What are SVP?
59. Comment on sulphacetamide sodium eye drops
60. How to stabilize sulphacetamide sodium eye drops?
61. What is validation ?
62. Comment on mixing validation
63. Procedural method of SOP
64. Give Format of Monographic specifications of API
65. Differentiate between WFI and SWFI.
66. Enlist precautions to be taken while preparing Ascorbic acid Injection IP.
67. Enlist precautions to be taken while preparing Calcium gluconate Injection IP.
68. Enlist precautions to be taken while preparing Sodium chloride Injection IP.
69. Give composition of rubber closures.
70. Give applications of Microencapsulation.
71. Methods used for microencapsulation.
72. Give evaluation parameters for microencapsulation.
73. What are HEPA filters?
74. What do you mean by LAF?
75. What is class 100?
76. What is specification and its types?
77. What are properties of core and coat material for microencapsulation?

78. Give two examples of anti-oxidants, antimicrobial agents, polymers used in GRRD, TDDS.
79. How to differentiate between type I and II glass?.
80. What is self sealability and fragmentation test of rubber closure?
81. Labeling requirements for injection.
82. Formulation consideration of all injections.
83. What is water attack test?
84. Differentiate between SR and CR.
85. What are different routes of administration of parenterals?
86. What is preservative efficacy test?
87. Give marketed example of SVP and LVP.
88. What is terminal sterilization.?
89. Give principle of Phase separation coacervation technique.
90. Give steps involved in phase separation coacervation.
91. What is significance of Microscopy method.?
92. Why preservatives are added in ascorbic acid injection.?
93. Difference between sterility and sterilization method.
94. Give parts of SOP.
95. Describe entry procedure in aseptic room.
96. Types of HEPA filters.
97. Types of dissolution apparatus.
98. Sums based on dose calculation.
99. What is AUC?
100. What is volume of distribution and clearance..