Q.P. Code :04950

Please check whether you have got the right question paper. N.B: 1. All questions are compulsory. 2. Draw neat labeled diagrams wherever necessary. Q.1 a) Discuss the use of lactose as a tablet diluent. b) List the attributes of an ideal film coating material. c) What are the various methods of sealing hard gelatin capsule shells? d) Give the various types of propellants used in aerosol systems. e) Write in brief on buccal tablets. f) Illustrate layout for a tablet section. g) How is spray pattern testing of aerosols carried out? f) Enlist the materials used for packaging of capsules. Q.2 a) Describe the evaluation tests to assess the mechanical strength of tablets. f) Write a short note on strip packaging of solid oral dosage forms. c) Explain the formulation of solution type aerosol systems. Q.3 a) Explain the process of sugar coating of tablets. b) Describe the extraction of gelatin from bones with the help of a flow chart. c) Discuss the valve and actuator assembly used in aerosol packaging. Q.4 a) Write a note on 'physics of tablet compression'. b) Describe the large scale manufacture of soft gelatin capsules using rotary die process. c) Write on 'manufacturing of aerosols'. a) Elaborate on 'bulk characterization' as preformulation study on tablets. b) Explain the 'immersion sword' type of coating system with a neat diagram. c) Discuss the problems in capsule filling and suggest suitable remedies for the same.				[Time: 3 Hours]	[Marks:70]
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Q.6 a) Explain any one equipment for large-scale wet granulation process.	Q.6		Evolain any	one equipment for large-scale wet granulation process	4
b) Describe the applications of film coated tablets 4					4
c) Discuss in details, the disintegration test I.P. for gelatin capsules.			1 N7 AU V7 V7 A		3

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