r's choice *Note: Answer all ชุนพร*เอิหรูเพลา*เลยะรถ*ชาร *carry พู*พ*ม*เกิหระหิลูnker.com

Max.Marks: 70

1.(a) Explain the properties and selection of various adjuvants used in the formulation of tablets and semisolids. (8)(b) Explain with examples organoleptic agents. (6)Mention various filling methods of hard gelatin capsules and explain any two methods? (9)Briefly explain evaluation of hard gelatin capsules. (5)(d) 2.(a) Explain the difference between flocculated and deflocculated suspensions. (6)(b) Explain the identification of various types of emulsions. (8)Define emulsion. What are multiple emulsion? Write in detail about stability of emulsion. (14)Mention various advantages and disadvantages of tablets formulation. Explain 3.(a) various processing problems during compression. (14)Mention various types of coating processes. What do you mean by enteric coating? Detail about defects of coating. (14)4.(a) Mention various types of parenteral preparations. Explain the formulation of parenterals. (10)(b) Write a note on pyrogen testing. (4) OR (c) What are the general requirements for the preparation of ophthalmic preparations? Explain the method of preparation of eye ointments. (8)(d) Write a note on QC of ophthalmic preparations. (6) What are aerosols? Mention the advantages and disadvantages. Explain various 5.(a) types of propellants used in the preparation of aerosols. (7) (b) Explain with a neat sketch the parts of aerosol container and materials used in the construction. (7) OR (c) What are the ideal properties of good pharmaceutical packaging? Explain glass as a packaging system. (8)(d) Write a note on packaging of semisolids. (6)
