

SET- I**Subject Code: B3104/R10****III B.Pharmacy I Semester Supplementary Examinations, Oct/Nov - 2017****PHARMACEUTICAL TECHNOLOGY – I****Time: 3 hours****Max. Marks: 75****Answer any FIVE Questions****All Questions carry Equal Marks**

1. (a) Explain the stability testing of Pharmaceuticals as per ICH guidelines.
(b) List out the various physicochemical properties of drugs and explain importance of particle size in preformulations studies. [10+5]
2. (a) Define Emulsions. Write the formulation and identification methods of emulsions.
(b) Write a brief note on Liniments and Elixirs. [8+7]
3. (a) Explain in detail various semisolid bases used in ointments and creams.
(b) Write in detail preparation and packaging of ointments. [8+7]
4. (a) Define Aerosols. Write the formulation of Aerosols preparations.
(b) Write in detail evaluation of aerosol formulations. [8+7]
5. (a) Write the formulation and evaluation of Ophthalmic eye drops.
(b) What are Evaluation tests for containers used in ophthalmic dosage forms. [8+7]
6. (a) List out the various skin care preparations with examples. And write formulation and preparation Method for cold cream.
(b) Write short note on depilatories. [10+5]
7. Write a note on formulation and packing of following products
(i) Film formers in Nail polish
(ii) Baby powders
(iii) Eye lashes
(iv) Tooth powders [4+4+3+4]
8. (a) Define suppositories and write different types of suppositories with specifications.
(b) Explain calibration method for suppositories moulds. How will you perform the cleaning techniques for the moulds? [7+8]

Page 1 of 1

