

Code No: B3202/R10 m R10

III B.Pharmacy II Semester Supplementary Examinations, Nov - 2016 PHARMACEUTICAL TECHNOLOGY-II

Time: 3 hours Max Marks: 75

Answer any FIVE Questions All Questions carry equal marks

- 1. (a) Define capsule and explain manufacturing procedure of hard gelatin capsules.
 - (b) write a note on preparation and uses of soft gelatin capsules. [8+7]
- 2. (a) Write a short note on microencapsulation by multioriface centrifugal process.
 - (b) Write a short notes on microencapsulation by solvent evaporation technique.

[7+8]

- 3. Explain the construction and working of rotary tablet punching machine with diagram. [15]
- 4. (a) Explain following coating equipments.
 - (i) Accela cota and
- (ii) Dri coater.
- (b) Enumerate various coating techniques and explain sugar coating process. [8+7]
- 5. (a) Discuss the various compatable studies conducted during preformulation studies of parentals.
 - (b) What is Isotonicity and explain various methods of its adjustment.

[7+8]

- 6. Write a short note on the following.
 - (a) Test for particular matters in parental products.
 - (b) Water for injection.
 - (c) Working of laminar air flow bench.
 - (d) Pyrogen testing.

[4+4+4+3]

- 7. (a) Define and Classify Tablets. Explain various granulation Techniques used in large scale production of Tablets.
 - (b) Write a note on evaluation of tablets as per I.P.

[8+7]

8. Write a note on stability aspects of packaging.

[15]
