Roll No. | | | | | | | | | | | | |

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.–7)

PHARMACEUTICS–VIII

(Pharmaceutical Technology–II)

Subject Code : BPHM-702

M.Code : 71754

Time : 3 Hrs. Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A

Q1. Define :

a) Microencapsulation

b) lyophilization

c) Hemostastics

d) Aseptic area

e) First order release

f) Capsule

g) Gelatin

h) Ligatures

i) Isotonicity

j) Quality control

k) Catguts

l) Blster package

m) Coacervation

n) What is the need of granulation while preparing tablets?

o) List any two criteria of drug (s) essential for microencapsulation.

SECTION-B

Q2. Highlight aqueous coating of tablets.

Q3. Explain evaluation of microcapsules.

Q4. Explain techniques for the preparation and filling of sterile powders.

Q5. Enumerate pyrogen testing of injection containing antibiotics.

Q6. Highlight different types of parenteral controlled released drug delivery systems.

SECTION-C

Q7. a) Enumerate packaging equipments for the packaging of oral solid dosage forms.

b) Explain in *vitro limvivo* packaging testing and compare it with stability of dosage forms.

Q8. a) How aseptic area could be designed and evaluated.

b) Enumerate IP method for the testing of pyrogen in parenterals.

Q9. Highlight formulation, packaging and evaluation of paracetamol tablet IP.

Q10. Write note on :

a) Stability testing

b) Wound dressing

c) Organ replacement materials

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.