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

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (2017 Batch) (Sem.-5)

INDUSTRIAL PHARMACY-I (THEORY)

Subject Code : BP-502T

M.Code : 76787

Time : 3 Hrs. Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.**
3. **SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.**

SECTION-A

1. Define :

a) Partition coefficient

b) Difference between Capping and lamination

c) Diagrammatic representation of BCS classification

d) Elixirs

e) Base adsorption

f) Pellets

g) Difference between SVP and LVP

h) Difference between vanishing cream and cold cream

i) Propellants

j) Rubber as a packaging material

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SECTION-B

2. Explain the objectives of pre formulation studies. Describe the effect of drug excipient interaction, solubility and surface area in preformulation studies.

3. Discuss the additives and formulation of tablets by wet granulation method.

4. Enumerate different procedures of production of soft elatin capsules and discuss in detail the rotary die process with diagram.

SECTION-C

5. Discuss the significance of polymorphism in preformulation.

6. Enumerate quality control tests of tablets and discuss **any one** in detail.

7. Discuss the evaluation of **any one** official liquid orals.

8. Discuss the process of shell production of hard gelatin capsules.

9. Explain the formulation considerations with respect to ophthalmics.

10. How lipsticks are formulated?

11. Enumerate quality control tests of aerosols and discuss any two of them.

12. Discuss the factors that influence the choice of containers in pharmaceuticals.

13. Briefly discuss lyophilized parenterals.

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NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.

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