

AV – 2321

Second Semester B. Pharm. Examination

PHARMACEUTICS – II

Paper – T – 2.1

(USC – 35143)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 60

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- Note :** (1) All question carry equal marks.
(2) Answer any **Five** questions.
(3) Illustrate your answer wherever necessary with the help of neat sketches.
(4) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Describe in detail diluents and surfactants used in formulations. 12
2. Explain principle and procedure followed in preparation of suspension and creams. 12
3. Define extraction. Draw a neat and well labelled diagram showing continuous hot percolation process. 12
4. (a) What are antioxidants? Explain with the help of examples. 6
(b) Give the theory and formulation of emulsion. 6
5. (a) Comment on merits and demerits of water as a solvent used for extraction. 6
(b) Discuss percolation process with its equipments. 6

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6. (a) Write a note on suppositories. 6
(b) Explain the formulation of powders. 6

7. Write a note on (Any **Two**) :—

- (a) Polymers and their applications.
(b) Organoleptic additives.
(c) Galenicals.

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