

AV - 2464

First Year Pharm. D. Examination

PHARMACEUTICS

Paper - 1.2

(USC - 35109)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 70

- Note :** (1) Answer any **Five** questions from Q. No. **Two** to **Nine**.
(2) Question No. **One** is compulsory.
(3) Due credit will be given to neatness and adequate dimensions.
(4) Illustrate your answer wherever necessary with the help of neat sketches.
(5) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Explain various types of incompatibility with example. 15
2. (A) Write note on historical background and development of pharmacy. 6
(B) Write note on absorbable gelatin sponge. 5
3. (A) Explain various test used for identification of emulsion. 6
(B) Write note on displacement value with example for suppositories. 5
4. (A) Explain formulation adjuvant used for monophasic liquids. 6
(B) Explain eutectic powder with example. 5
5. (A) Give classification of various dosage forms. 6
(B) Write note on U.S.P. 5
6. Define Galenicals ? Explain various equipment used in extraction process with diagram. 11

AV-2464

P.T.O.

- | | |
|---|----|
| 7. Explain formulation and evaluation of suppositories. | 11 |
| 8. Give types of suspension. Explain its stability aspects. | 11 |
| 9. Write notes on following : | |
| (A) Method of Allegation with example. | 6 |
| (B) Factor affecting on dose selection. | 5 |

