

AV – 2489

Fifth Year Pharm D. Examination

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS

Paper - 5.2

(USC – 35134)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 70

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- Note :** (1) Answer any **Five** questions from Q. No **Two** to **Nine** questions.
(2) Question No. **One** is compulsory.
(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. What is pharmacoeconomics ? Write on the need for pharmacoeconomics in Indian Scenario. Discuss the types of pharmacoeconomic evaluations. 15
2. Elaborate a note on studies of vaccine safety. Differentiate cross sectional and cohort studies. 11
3. Discuss in detail about quantitative models used in pharmacoepidemiology. 11
4. Explain the pharmacoepidemiological methods used to study drug induced birth defects. 11
5. Write a note on automated data system and their applications. 11
6. (a) Write a note on the importance of post marketing surveillance. 5
(b) Explain the methods and applications of hospital pharmacoepidemiology. 6
7. (a) Write a note on WHO programme for ADR reporting. 5
(b) Briefly write about spontaneous reporting system. 6

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8. Write a note on :—

(a) Need for pharmacoepidemiological studies.

(b) Importance of meta - analysis.

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9. Write a note on measurement of risk and relative risk. Explain the pharmacist role in drug utilization review.

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