

# Adichunchanagiri University

**Model QP : PART- II: PHARMA D SPECIALISATION**

**60M**

## SEC- A

**Note: Answer any 20 questions. Each question carries ONE mark. 20x1=20**

1. Define Pharmacoeconomics.
2. Define Pharmacoepidemiology.
3. Describe Prevalence.
4. Role of cytochrome p450 enzyme.
5. Characteristics' of informed consent form.
6. Define spontaneous reporting.
7. Examples of Adhoc data sources.
8. Opiate overdose antidote.
9. Two applications of Pharmaco-epidemiological studies.
10. Define antidote.
11. Importance of clinical audit.
12. Define Adverse drug reaction (ADR).
13. What do you mean by 'SOS'?
14. Define patient counseling.
15. Define Odds ratio.
16. Define pharmaceutical care.
17. Two Advantages of ward round participation for pharmacist.
18. List out any two drugs causing birth defects.
19. Define Neuralgia.
20. Write any two drugs used in Stroke.
21. Define safety stock.
22. Define Drug utilization evaluation (DUE).
23. List out the bioavailability assessment method.
24. Define protocol.
25. Name the universal antidote.
26. List out the complications of diabetes.
27. Write two used in COPD with its dose.
28. Define lead time.
29. Describe schizophrenia.
30. Classify the ADR.

## SEC- B

**Note: Answer any 10 questions. Each question carries TWO marks**

**10x2=20**

1. Describe first aid for snake bite.

2. Any four drugs which cause liver diseases.
3. Write any two plasma protein and its biological role.
4. Describe the significance of evidence based medicine.
5. Describe the Pharmacy and Therapeutics committee role in the hospital.
6. Highlight the importance of medication history interview in the treatment.
7. Outline the factors influencing on the bioavailability of the drugs.
8. Differentiate between oral administration and IV administration compartment models.
9. Normal values of serum sodium and serum creatinine.
10. Describe the formula for dosage adjustment in renal failure.
11. Distinguish between attributable risk and relative risk.
12. Describe the Pharmacokinetic drug interactions.
13. Describe the significance of Therapeutic drug monitoring.
14. Responsibilities of clinical research coordinator.
15. Describe the types of Pharmaco-economics methods.

**SEC- C**

**Note: Answer any 05 questions. Each question carries FOUR marks**

**05x4=20**

1. Brief the pathogenesis of peptic ulcer disease and its management.
2. Pharmacist role in ADR management.
3. Write any four pulmonary function test with its normal values.
4. Discuss the systematic way of answering of drug information Queries.
5. Define and classify the medication errors with suitable examples.
6. Define and classify the headaches. Discuss its management.
7. Discuss the Drug information resources with suitable examples.
8. How do you Calculate  $K_a$ ,  $K_e$ ,  $T_{1/2}$ ,  $C_{max}$ , AUC, AUMC from blood profile.
9. Describe the formulas used in pediatric dosage calculations.
10. Discuss any two medication adherence assessment methods in detail.