

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 18

Pharm.D (Sem.-4)
CLINICAL PHARMACY
Subject Code : 4.3
Paper ID : [A2662]

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** contain **SEVEN** questions. Attempt any **FIVE** questions. Each question will carry **TWO** marks.
2. **SECTION-B** contain **EIGHT** questions (Short Essay Type). Attempt any **SIX** questions. Each question will carry **FIVE** marks.
3. **SECTION-C** contain **THREE** questions (Long Essay Type). Attempt any **TWO** questions. Each question will carry **FIFTEEN** marks.

SECTION-A

- Q1. Write briefly about drug information resources.
- Q2. Define medication chart review.
- Q3. Write briefly about Naranjo's scale.
- Q4. Write briefly about tests associated with cardiac disorders.
- Q5. Write briefly about WHO-UMC causality assessment scale.
- Q6. Define pharmaceutical care.
- Q7. Write briefly about drug utilization review.

SECTION-B

- Q8. Write a note on renal function tests.
- Q9. Write a note on pulmonary function tests.
- Q10. Write a note on patient case history, its structure and use in evaluation of drug therapy.

- Q11. Write a note on quality assurance of clinical pharmacy services.
- Q12. Write a note on preparation of written and verbal reports.
- Q13. Write briefly about medication errors.
- Q14. Write a note on patient counselling.
- Q15. Write a note on critical evaluation of biomedical literature.

SECTION-C

- Q16. Describe in detail about communication skills, including patient counselling techniques.
- Q17. Define drug information center and describe the requirements for establishing a drug information center.
- Q18. Discuss in detail about reporting, evaluation, monitoring, preventing and management of ADR's.