

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D /Pharm.D (PB), April -2019 Examination

Year: 4 / 1**Subject Code: 08207403****Subject Name: Clinical Pharmacy****Date: 19/04/2019****Times: 2:00pm to 5:00pm****Total Marks: 70****Instructions**

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay Type Questions. (any 2 out of 3) (15 Mark Each) (30)

1. Define drug utilization evaluation (DUE). Describe the DUE cycle and mention the role of a clinical pharmacist in DUE.
2. Define drug information. Explain in detail various resources and systematic approach to answer drug information query.
3. Define ADR. Classify ADR. Discuss in detail various methods of causality assessment of ADRs.

Q.2 Short Essay Type Questions. (any 4 out of 5) (5 Mark Each) (20)

1. Discuss various types of medication errors with examples.
2. Explain various steps involved in Medication history interview.
3. Write a short note on Pharmaceutical care.
4. Liver function test.
5. Add a short note on communication skills required for pharmacist.

Q.3 Short Answers. (2 Mark Each) (20)

1. What are various causes of hyponatremia.
2. Interpretation of hematological test in diagnosis of anemia.
3. Define and differentiate between Adverse drug reaction and adverse event.
4. List out the normal values of Troponin, Creatinine, MCV and MCH.
5. Explain different barriers for effective patient counseling.
6. Difference between Drug information center and poison information center.
7. Write a note on scope of clinical pharmacy in India.
8. Explain various types and objective of ward round participation.
9. Enlist various counseling aids.
10. Significance of clinical intervention.