

[Time: Two Hours]

[Marks:35]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory.
2. Figures to right indicate full marks.

- Q. 1** Answer the following : **07**
- Define the term community pharmacy.
 - Enlist different reasons for patient non-compliance.
 - If hemolytic crisis occurs in Glucose -6-phosphate deficient patient treated with primaquine. Name type of ADR with justification.
 - Justify why special precaution is needed when lithium carbonate is given to the patient on treatment with diuretics.
 - Enlist few indications for TDM.
 - Why dose adjustment is needed in Geriatric patient.
- Q. 2** A. Answer **any one** of the following. **04**
- Discuss the role of hospital pharmacist n patient counselling.
 - Explain objectives and goal of community pharmacy. Add a note on counseling instructions to be given for patient treated with tuberculosis.
- B Answer the following : **03**
- Write a note on precautions and directions to be given to improve patient compliance.
- Q. 3** A. Answer **any one** of the following **04**
- Discuss Type-B ADR with suitable examples
 - Compare and contrast any two methods for detection of ADR.
- B Answer the following **03**
- Explain different factors influencing interpretation of TDM.
- Q. 4** A. Answer **any one** of the following **04**
- Explain with suitable examples drug interaction due to alteration in GI motility and distribution of drug.
 - Discuss various predisposing factors for drug interaction.
- B Answer the following **03**
- Write a short note on key considerations in Geriatric drug therapy.
- Q. 5** A. Answer **any one** of the following **04**
- Discuss in brief about various ethical issues in clinical trials.
 - Write a note on scope of GCP in clinical trials.
- B Answer the following **03**
- Explain significance of toxicity study in pre – clinical trials.