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Roll No .....

PY-805 (B) (GS)

B.Pharmacy VIII Semester Examination, June 2020

Grading System (GS)

Clinical Research

(Elective - II)

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.
ii) All questions carry equal marks.

1. Define clinical pharmacy and clinical research. Describe the activities of clinical pharmacist in hospital.

2. Give the various sources of information in a drug information centre.

3. Give the meaning of following medical terminologies /abbreviations.
   i) Declaration of Helsinki
   ii) Orphan drugs
   iii) IRB
   iv) Cohort

4. Define adverse drug reaction? Explain the procedure for reporting of adverse drug reaction in India.

5. Elaborate on clinical laboratory tests and give significance of laboratory test in evaluation of disease state.

6. What are clinical pharmacokinetic models? Explain the determination of drug clearance and volume of distribution using pharmacokinetic models.

7. Describe the concept of clinical pharmacy. Enumerate the duties and activities of a clinical pharmacist.

   OR

   Explain the nature of drug information resources.

8. Answer any four questions of the following :
   a) Discuss limitations of TDM.
   b) Specify various kind of parameters examine for liver function test along with their reference range.
   c) Describe drug information enquiries in clinical practice.
   d) Define bioavailability and bioequivalence.
   e) Write various steps in clinical research.
   f) Explain drawback and benefits of clinical trial.

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