Fourth Year D. Pharm Examination
April - 2022
4.3 Clinical Pharmacy (Theory)

Time : **3** Hours]   [Total Marks : **70**

Instructions : Figures to the right indicate full marks for the respective questions.

1   Answer the following Questions :   **10×2=20**

    (1)   Define: Clinical Pharmacy

    (2)   What is TDM?

    (3)   What are significance of medication history interview?

    (4)   Define post marketing surveillance.

    (5)   List out the causality assessment scales.

    (6)   Write the full form of a) GERD b) MCHC c) SGOT d) HbA1c

    (7)   What is normal value and significance of bilirubin?

    (8)   Enlist applications of Creatinine and BUN test

    (9)   What are the skills required for drug information specialist.

    (10) Enlist factors affecting communications.

2   Answer the following Questions : (Any Two)   **2×10=20**

    (1)   Briefly explain about the step involved in medication chart review and discuss steps in patient counseling.

    (2)   Write in brief on the scope and aims of Pharmacovigilance. Discuss on ADR reporting system in various countries.

    (3)   Mention the different tests in the evaluation of hematological disorder. How would you differentiate microcytic and macrocytic anemia.

3   Answer the following Questions : (Any **Six**)   6×5=30

   (1) Write a note on Scope of clinical pharmacy in India.

   (2) Briefly differentiate the roles of clinical, community and hospital pharmacist.

   (3) Discuss the clinical significance of serum electrolyte of sodium, potassium and calcium.

   (4) Explain in brief about the various pulmonary function test.

   (5) List out and explain various liver function tests.

   (6) Define and classify ADR. Explain the predisposing factors of ADRs.

   (7) Explain importance of good communication skills for a clinical Pharmacist.

   (8) Discuss on patient counselling techniques.

   (9) Define the following terms a) Randomization b) Blinding c) Biomedical Literature d) EBM e) Cohort study.

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