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School of Medical and Allied Sciences

Diploma in Pharmacy

Mid Term Examination - Mar 2024

Duration : 90 Minutes

Max Marks : 40

Year II - ER2021T - PharmacologyGeneral Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) What is the study of drugs and their interactions with the body called? K1 (1)
- 2) Choose and write one route of drug administration along with its one advantage. K1 (1)
- 3) Write difference between therapeutic and toxic drug effects with example. K1 (1)
- 4) how the antiarrhythmic drugs affect cardiac function? K1 (1)
- 5) Explain how drug half-life impacts dosing intervals? K1 (1)
- 6) Explain the role of the liver and kidneys in drug metabolism and excretion. K1 (1)
- 7) What are the four adverse effects of adrenergic drugs? K1 (1)
- 8) How drugs are metabolized in the body? K1 (1)
- 9) Define pharmacokinetics. K1 (1)
- 10) What are the use of Beta blockers. K1 (1)
- 11) Analyze the potential adverse effects and considerations in the use of antiepileptic drugs. K2 (3)
- 12) Organize the mechanisms of action and therapeutic uses of barbiturates and benzodiazepines. K2 (3)
- 13) Identify the differences between barbiturates and benzodiazepines as sedative-hypnotic drugs. K3 (3)

OR

Identify the therapeutic use of lithium in the management of mood disorders. K3 (3)

- 14) List the potential adverse effects and drug interactions of non-narcotic analgesics and NSAIDs. K2 (3)
- 15) Analyze the role of drug therapy in managing movement disorders and neuromuscular conditions. K2 (3)
- 16) Explain the factors that can modify drug response. K3 (5)
- 17) Compare the pharmacokinetics and adverse effects of different diuretics used in heart failure. K3 (5)

OR

- Explain the pharmacological properties and clinical use of anticholinergic drugs , including their effects on different organ systems. K3 (5)
- 18) Compare the clinical efficacy and adverse effects of different classes of anxiolytic drugs. K3 (5)