

School of Medical and Allied Sciences**Master of Pharmacy in Pharmacology
Summer Term Examination - Jul / Aug 2024****Duration : 180 Minutes
Max Marks : 75****Sem I - MPL102T - Advanced Pharmacology-I**General 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*

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| 1) | Classify kinin receptors. | K2(2) |
| 2) | Summarise recent advancement of neuropharmacology. | K2(2) |
| 3) | Tell about drug distribution. | K1(2) |
| 4) | Demonstrate the receptors of kinins. | K2(2) |
| 5) | List out the significance of drug biotransformation. | K1(2) |
| 6) | Classify antihistaminics. | K2(2) |
| 7) | What are the pharmacokinetic processes? | K1(2) |
| 8) | Classify antiischemics. | K2(2) |
| 9) | Define drug metabolism. | K1(2) |
| 10) | What are CYP450 enzymes? | K1(2) |
| 11) | Organise the pharmacology of haematinics. | K3(5) |
| OR | | |
| | Organise antiplatelet agents. | K3(5) |
| 12) | Compare and contrast the side effect profiles of clopidogrel and prasugrel. What factors might influence the choice between these two agents? | K3(5) |
| 13) | Analyze the pharmacology of cotransmitters. | K4(5) |
| 14) | Organise G-protein coupled receptors. | K3(5) |
| 15) | Analyze the therapeutic significance of antiserotonergics. | K4(5) |
| 16) | Analyze antiserotonergics in the treatment of hypersensitivity. | K4(5) |
| OR | | |
| | Analyze opioid antagonists as analgesics. | K4(5) |
| 17) | Analyze the functioning of glutamate. | K4(5) |
| 18) | Estimate the recent advanced treatment of arrhythmia. | K6(10) |
| 19) | Assess the detailed pharmacology of antihypertensives. | K5(10) |

OR

Determine the detailed pharmacology of typical and atypical antipsychotic agents. K5(10)