

Final Examination (Syllabus)

Course Name: Pharmacology-I

Course Code: BPH-224

Lesson No.	Learning Outcomes	Course Contents
Lesson-16 to Lesson-19	<ul style="list-style-type: none"> • Compare & contrast between different types of autacoids. • Outlines their release patterns. • Design drugs to inhibit inflammation 	Autacoids <ul style="list-style-type: none"> • Classification of Autacoids • Histamine • Serotonin • Lipid Derived Autacoids • Peptide Autacoids
Lesson-20 to Lesson-23	<ul style="list-style-type: none"> • Differentiate the narcotic & non-narcotic medications • Identify the drug dependence symptoms 	Analgesic, antipyretic and anti-inflammatory drugs <ul style="list-style-type: none"> • Introduction • NSAIDs • Classification of NSAIDs • Mechanism of action of NSAIDs • Narcotic analgesics • Opioid analgesics and its classification • Mechanism of action • Side effect • Therapeutic uses • Opioid receptor • Morphine withdrawal syndrome • Opioid antagonists
Lesson-24	<ul style="list-style-type: none"> • Interpret the role of Sedative & hypnotic drugs • Designate the agents having Sedative & hypnotic effects 	Sedative & hypnotic drugs: <ul style="list-style-type: none"> • Benzodiazepine • Barbiturates
Lesson-25 to Lesson-27	<ul style="list-style-type: none"> • Outline the necessity of anaesthetics in a surgical procedure. • Illustrate the mechanism of action. 	Local and General Anaesthetics <ul style="list-style-type: none"> • History • Mechanism of action • Properties

	<ul style="list-style-type: none"> • Compare & contrast the drugs for a given situation 	<ul style="list-style-type: none"> • Pharmacological action of local & General anesthetics.
Lesson-28 to Lesson-30	<ul style="list-style-type: none"> • Interpret the mechanism of CNS stimulation • Identify the key regulatory factors of nervous system stimulation • Discuss the relationship between drug dose & clinical response of various CNS stimulant drugs 	<p>CNS Stimulant Drugs</p> <ul style="list-style-type: none"> • Strychnine • Xanthine • Methylxanthine • Amphetamine • Nicotine