

School of Medical and Allied Sciences

Pharmacy

Summer Term / Back Paper - July-August 2024

Time : 3 Hours

Marks : 75

Sem V - BPHT5003 - PHARMACOLOGY II THEORY

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

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| 1. | Interpret meaning of action potential. | CO1 | (1) |
| 2. | Show the chemical name of Vit. K. | CO2 | (1) |
| 3. | Outline the name of peptide derived autocooids | CO3 | (1) |
| 4. | Classify the inhibitors of growth hormone | CO4 | (1) |
| 5. | Outline the formula of four-point bioassay. | CO5 | (1) |
| 6. | Simplify concept of mode of action of nitrates | CO1 | (5) |
| 7. | Classify anticoagulant and explain mode of action of warfarin | CO2 | (5) |
| 8. | Discover the concept of histamine, its receptor and its antagonist | CO3 | (5) |
| 9. | Discover concept about insulin. | CO4 | (5) |
| 10. | Simplify Bioassay and explain their types. | CO5 | (5) |
| 11. | Construct about etiopathology of Alzheimer disease | CO6 | (5) |
| 12. | Construct classification of antianginal drugs and explain mode of action of glyceryl trinitrate (GTN) | CO1 | (8) |
| 13. | Conclude diuretics with classification. Explain mode of action of acetazolamide | CO2 | (8) |
| 14. | Explain NSAIDs with classification. Write mode of action and advantage of celecoxib. | CO3 | (8) |
| 15. | Conclude synthesis, storage, and release of T3 & T4. | CO4 | (8) |
| 16. | Explain bioassay, its principle, classification and application with advantage and disadvantage. | CO5 | (8) |