

School of Medical and Allied Sciences

Bachelor of Pharmacy
Semester End Examination - Aug 2024

Duration : 180 Minutes
Max Marks : 75

Sem V - BPHT5004 - Pharmacognosy and Phytochemistry IIGeneral 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) | Explain the term spectroscopy. | K2(2) |
| 2) | Demonstrate the any two use of caffeine | K2(2) |
| 3) | List essential amino acids. | K1(2) |
| 4) | Explain the Retetion factor. | K2(2) |
| 5) | Define taxol. | K1(2) |
| 6) | Summarize adwers reaction. | K2(2) |
| 7) | What do you mean by diosgenin? | K1(2) |
| 8) | Demonstrate the chemical structure of atropine,. | K2(2) |
| 9) | What is the tracer techniques? | K1(2) |
| 10) | Define the structure of digoxin. | K1(2) |
| 11) | Build a note on industrial production, estimation and utilization of vincristine. | K3(5) |

OR

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| | Organize a note on industrial production, estimation and utilization of forskolin. | K3(5) |
| 12) | Compare the Safety Profiles of Sennoside and Taxol | K3(5) |
| 13) | Simplify the bio-source and therapeutic use of glycosides. | K4(5) |
| 14) | Organize the classification of enzymes along with co-enzyme. | K3(5) |
| 15) | Simplify WHO & AYUSH guidelines for safety monitoring of natural medicine. | K4(5) |
| 16) | Analyze the isolation & identification of phytoconstituent. | K4(5) |

OR

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| | Analyze modern methods of extraction. | K4(5) |
| 17) | Distinguish between Bio drug-drug and bio drug-food interactions with suitable examples. | K4(5) |
| 18) | Discuss the general isolation method of phytoconstituents. | K6(10) |

19) Conclude the overview of basic metabolic pathways.

K5(10)

OR

Explain in detail Acetate-Mevalonate Pathway

K5(10)