

School of Medical and Allied Sciences

Diploma in Pharmacy
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 80

Year I - ER2012T - Pharmaceutical ChemistryGeneral 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) | What is the uses of Diazepam? | K1(1) |
| 2) | Tell the examples of heterocyclic compound. | K1(1) |
| 3) | Tell the pH of stomach. | K1(1) |
| 4) | Show the structure of propane-1. | K1(1) |
| 5) | Recall the examples of acidifying agents. | K1(1) |
| 6) | What is the molecular formula of Talc? | K1(1) |
| 7) | Define achlorhydria. | K1(1) |
| 8) | Recall the examples of adsorbant | K1(1) |
| 9) | Recall the structure of acetylcholine. | K1(1) |
| 10) | Recall the structure of Adrenaline. | K1(1) |
| 11) | Show the structure of Methane. | K1(1) |
| 12) | Define organic chemistry. | K1(1) |
| 13) | Spell the full form of IUPAC. | K1(1) |
| 14) | What do you mean by dental product? | K1(1) |
| 15) | List the uses of captopril. | K1(1) |
| 16) | Define hypnotics with examples. | K1(1) |
| 17) | What is the role of diuretics? | K1(1) |
| 18) | Define sedatives. | K1(1) |
| 19) | What is the structure of 2-butanol? | K1(1) |
| 20) | Show the examples of antacids. | K1(1) |
| 21) | Demonstrate the adverse effect of anesthetics. | K2(3) |
| 22) | Illustrate the preparation and uses of dilute hydrochloric acid. | K2(3) |
| 23) | Illustrate the Mohr's method for precipitation titration. | K2(3) |
| 24) | Demonstrate the preparation and uses of Silver nitrate. | K2(3) |
| 25) | Illustrate mouth wash with example. | K2(3) |
| 26) | Illustrate the types of cancer. | K2(3) |
| 27) | Illustrate the uses of Cotrimoxazole and Penicillin. | K2(3) |

- 28) Explain nonaqueous solvent with examples. K2(3)
29) Explain the mechanism and uses of Rifampicin. K2(3)
30) Identify the principle for limit test of lead. K3(3)

OR

Develop the mechanism of action for antidepressant agents. K3(3)

- 31) Select the preparation and uses of oxygen. K3(5)
32) Identify complexometric titration with examples. K3(5)
33) Identify the principle of non aqueous titration. K3(5)
34) Apply the knowledge on macrolide with their mechanism of action. K3(5)
35) Categorize antidepressant agents with structure. K4(5)
36) Examine the structure and uses of Paracetamol and Isoniazid. K4(5)

OR

Examine the limit test of Sulphate. K4(5)