

UG 4th Semester Examination 2020

CHEMISTRY

[HONOURS]

Course Code: SEC

(Pharmaceutical Chemistry)

Full Marks: 10

Answer any five questions [2×5=10]

1. Write the synthesis of vitamin C from D-glucose. How is it purified?
[1+1]
2. Give the preparation of Aspirin with its uses.
[1+1]
3. Give one example of an antibacterial and antibiotics drug.
[1+1]
4. What is an antibiotic? Discuss the steps followed in the preparation of penicillin?
[1+1]
5. Name one important antimalarial drug and mention its synthesis?
[1+1]
6. Write down the chemical name of paracetamol. Describe the preparation of it. Give its uses.
[2]
7. State the role of B₁₂ in human body.
[2]