

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**DIPLOMA IN PHARMACY EXAMINATION – July 2021
Second Year**

PHARMACEUTICAL CHEMISTRY - II

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only
All questions carry equal marks
Draw Neat, Labelled Diagram wherever necessary.

1. Define anti Neoplastics drugs. Classify the according to the treatment mechanisms.
2. Draw and write the nomenclature for the following drugs i) Caffeine ii) Salbutamol
iii) Warfarin iv) Rifampicin v) Ampicillin
3. Write the Malaria life cycle and brief note on Anti malarial agents.
4. Define the following with examples i) Analeptics ii) Anthelmintic
iii) Tranguilizers iv) Adrenergic agents v) Antiseptics
5. Write brief note on classification of sulfonamides with nomenclature for the
followings i) Sulfadiazine ii) Co – trimoxazole iii) Sulfa methoxazole
6. Write the differences between natural and semi synthetic penicillins.
7. Write brief note on non steroidal anti inflammatory agents.
8. Write note on i) Steroidal drugs ii) Cardiac glyucosides
9. Write the structure for the following drugs
i) Phenobarbitone ii) Pseudoephedrine iii) Diazepam iv) Furosemide
v) Tetracycline
10. Write the difference between adrenergic drugs and adrenergic antagonist drugs.
