

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.PHARM. DEGREE EXAMINATION – August 2018
Fourth Year

MEDICINAL CHEMISTRY - II

Time : Three hours

Maximum: 90 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Define and classify antifungal agents. Discuss the SAR and mechanism of action of any two drugs.
2. What are antiviral agents? Classify them. Write in detail about any two antiviral drugs.
3. Define anthelmintics. Classify them. Write in detail about the SAR and synthesis of any two drugs of it.

II. Write short essays on any **EIGHT** questions: (8 x 5 = 40)

4. Describe about amino glycosides.
5. Write briefly about QSAR approach.
6. Write short notes on synthetic antibacterial agents.
7. Insulin and its preparation.
8. Write short notes on progesterone.
9. Describe about anticoagulants.
10. What are antihypertensives? Write in detail about any one anti-hypertensive drug.
11. Penicillins
12. Antitubercular drugs.
13. Write the synthesis and uses of any two antiprotozoal agents.

III. Write short notes on any **TEN** questions: (10 x 2 = 20)

14. Antifungal agents.
15. Sulphonamides
16. Isosorbide dinitrate.
17. Tetracyclines
18. Congo Red
19. Glucocorticoids
20. Oxytocin
21. Hypoglycemic agents
22. Lindane
23. Chloroquine phosphate
24. Benzalkonium chloride.