

TEST PAPER NO. 14

TOPIC : CHEMISTRY IN ACTION

M.M. 50

TIME: 3 HRS.

Name of Student _____ Roll No. _____

Q.NO. 1-10 carries 1 mark, 11-20 2 marks, 21-25 carries 3 marks, 26 carries 5 marks.

1. What is the difference b/w drug and medicine?
2. What are receptors?
3. What is allosteric site?
4. What are antagonist and agonist?
5. With reference to which classification has the statement, "ranitidine is an antacid" been given?
6. Why do we require artificial sweetening agents?
7. Why do we need to classify drugs in different ways?
8. Explain the term, target molecules or drug targets as used in medicinal chemistry?
9. Define the term chemotherapy?
10. Which forces are involved in holding the drugs to the active site of enzymes?
11. Explain Cationic, anionic and non-ionic detergent with example?
12. What are biodegradable and non-biodegradable detergents? Give one example of each?
13. Explain the cleansing action of soaps?
14. What is the composition of Dettol? Name a substance which can be used as an antiseptic and disinfectant?
15. What are artificial sweetening agents? Give four example in detail.
16. Name the sweetening agent used in the preparation of sweets for a diabetic patient? What problem arises in using alitame as artificial sweetener?
17. What are synthetic detergents? How are they better than soaps?
18. What are antibiotics? Explain Broad Spectrum and Narrow Spectrum with example?
19. Explain the mechanism of Drug enzyme interaction?
20. What are the different aspects on basis of which drugs are classified. Explain with example
21. Write short notes on the following:
 - a. Analgesic
 - b. Tranquilizers
 - c. Antacids
22. Define the following terms:
 - a. Antihistamines
 - b. Antifertility Drugs
 - c. Food Preservatives
23. What are different types of Soap? Explain with example.
24. Explain receptor as Drug Target?
25. What are non narcotic and narcotic analgesics? Explain with example.
26. Classify the following drugs, with there use: a. tincture iodine b. Veronal
c. Prontosil d. Salvarsan e. Erthyromycin f. Chloramphenicol g. Furacine
h. Codiene i. Iproniazid j. Terfenadine