



# CHEMISTRY

**BOOKS - BETTER CHOICE PUBLICATION**

## CHEMISTRY IN EVERYDAY LIFE

### Questions

1. What is a medicine ?



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2. What do you understand by the term chemotherapy ?



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3. What do you understand by the term chemotherapy ?



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4. Write the structure and IUPAC name of Aspirin.



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5. Define antipyretic with examples.



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6. Define analgesic with examples.



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7. What are Tranquillizers ? Give examples.



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8. Define anti-depressants with example.



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9. What are antacids?



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**10. Define anti-malarials with example.**



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**11. Name one '(a) antiseptic (b) disinfectant (c) analgesic.**



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**12.** Ranitidine is antacid. With reference to which IT classification this statement has been given ?



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**13.** Name a substance which can be used as an antiseptic as well as disinfectant.



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**14.** Name a substance which can be used both as an antipyretic and as an analgesic.



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**15.** What are disinfectants? Give some examples.



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**16.** What are antibiotics? Give two examples.

Name the first antibiotic discovered.



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**17.** Explain the following with suitable examples.

Antimicrobials



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**18.** Explain the following with suitable examples.

Antihistamines



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**19.** Explain the following with suitable examples.

Antiseptics



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20. What are main constituents of dettol ?



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21. What is the role of renin?



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22. What is tincture of iodine and what is it used for ?



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**23.** Why do we need to classify the drugs in different ways ?



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**24.** Write the name of medicine used for the treatment of asthma.



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**25.** Write the name of the medicine used for the treatment of pneumonia.



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**26.** Write the structure of a medicine which is used for the prevention of heart attacks



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**27.** Name the biomolecules that are chosen as drug targets ?



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**28.** Why should not medicines be taken without consulting doctors ?



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**29.** Which forces are involved in holding the drugs to the active site of enzymes ?



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**30.** What are difference between narrow spectrum and broad spectrum antibiotics.



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**31.** What is meant by bacteriocidal antibiotics?



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**32.** What is meant by bacteriostatic antibiotics ?



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**33.** Low level of noradrenaline is the cause of depression. What type of drugs are needed to cure this problem ? Name two drugs.



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**34.** A broad spectrum antibiotic is :



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**35.** Name one broad-spectrum antibiotic.



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**36.** Define narrow spectrum antibiotics with suitable examples.







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**37.** Define non-narcotic analgesics and narcotic analgesics with suitable examples.



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**38.** How do antiseptics differ from disinfectants ?



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**39.** What type of drug is chloroamphenicol.



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**40.** What type of drug is penicillin ?



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**41.** What type of drug is quinine ?



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**42.** Write the name of medicine used for the treatment of tuberculosis ?



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**43.** How do analgesics differ from antipyretics ? Give one example of each.



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**44.** Why are cimetidine and ranitidine better antacids than sodium hydrogen carbonate or

magnesium or aluminium hydroxide ?



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**45.** What are antifertility drugs?



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**46.** The class of drugs used for the treatment of cut or wound is :

A. Tranquilizers

B. Antiseptic

C. Antihistamine

D. antipyretic

**Answer: d**



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**47. Why do we require artificial sweetening agents ?**



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**48.** What are food preservatives ?



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**49.** is the use of contraceptive justified?



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**50.** What are differences between preservatives and antioxidants ?



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**51.** What is aspartame and what is its use ?



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**52.** What are artificial sweeteners ?



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**53.** Name a sweetening agent used in the preparation of sweets for a diabetic patient.



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54. What problem arises in using alitame as artificial sweetener ?



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55. What are differences between preservatives and antioxidants ?



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56. Why can't disinfectant be used as an antiseptic ?



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57. The chemical name of Vitamin E is \_\_\_\_\_.



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58. What are soaps ? Give its disadvantage.



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**59.** Why detergents are called soapless soaps ?



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**60.** Differentiate between soaps and synthetic detergent



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**61.** How are synthetic detergents better than soaps ?



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**62.** How are synthetic detergents better than soaps ?



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**63.** What are synthetic detergents ?



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**64.** Explain the following terms with suitable examples.

Cationic detergents



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**65.** Explain the following terms with suitable examples.

Anionic detergents





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**66.** Explain the following terms with suitable examples.

Non-ionic detergents



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**67.** Give the structure of alkyl benzene sulphonate detergent.



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**68.** Explain cationic and anionic detergents with suitable examples.



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**69.** What are biodegradable and non-biodegradable detergents ?



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**70.** What are biodegradable polymers ? Give chemical equation for the preparation of any one biodegradable polymer.



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**71.** Why is cleansing effect of soap not effective in hard water?



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**72.** Which one of the soap and synthetic detergent can be used to check the hardness of water ?



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**73.** Which one of the soap and synthetic detergent can be used to check the hardness of water ?



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74. What type of detergent is used for dish washing in a dish washer ?



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75. Explain the mechanism of the cleansing action of soaps



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76. If water contains calcium hydrogen carbonate, out of soap and synthetic detergents which one will you use for cleansing clother ?



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