



CHEMISTRY

BOOKS - R G PUBLICATION

CHEMISTRY IN EVERYDAY LIFE



1. What is the composition of tincture of iodine?



2. Name one chemical responsible for the antiseptic property of dettol.

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3. Name one substance that can act both as

analgesic as well as antipyretic.



4. Give one example of sulpha drugs.



5. Justify the following: Sleeping pills are recommended to patient suffering from sleeplessness but it is not advisable to take them without consulting the doctor.



6. Why do we require artificial sweetening agents?
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7. Mention one advantage of the use of

synthetic detergent over soap.

8. Give one example of the following: A non-

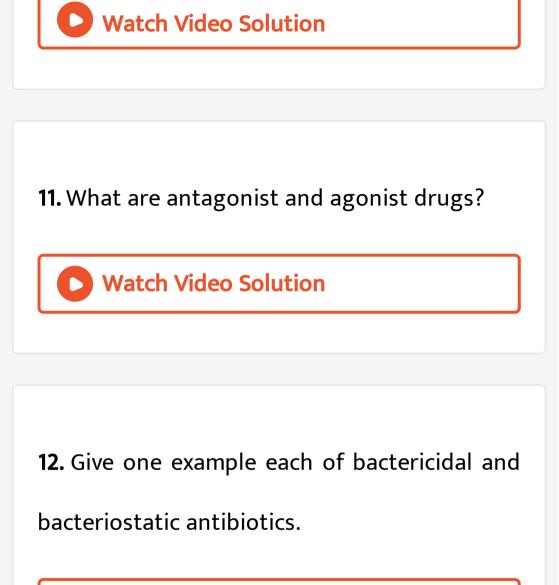
narcotic analgesic

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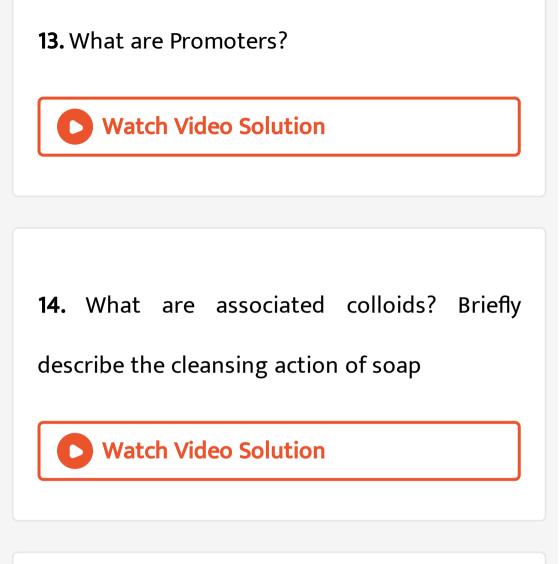
9. Why do we require artificial sweetening agents?



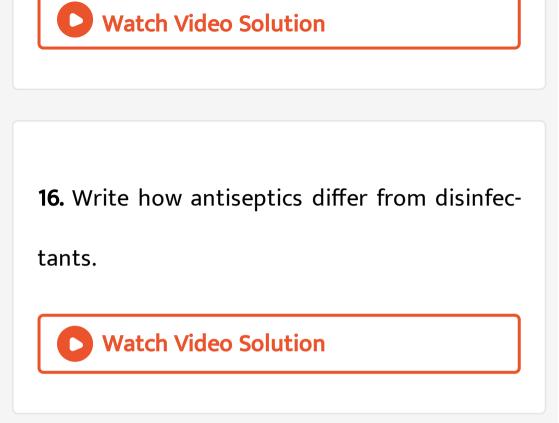
10. What is Chemotherapy?







15. Write what is meant by broad spectrum anti-biotics.



17. Identify one analgesic and one antacid from

the following: Aspirim, Chloramphenicol,

Cimetidine, Sulphanilamide.

18. Give one example each of the following: A non-narcotic analgesic, An artificial sweetner, A

food preservative chemical.

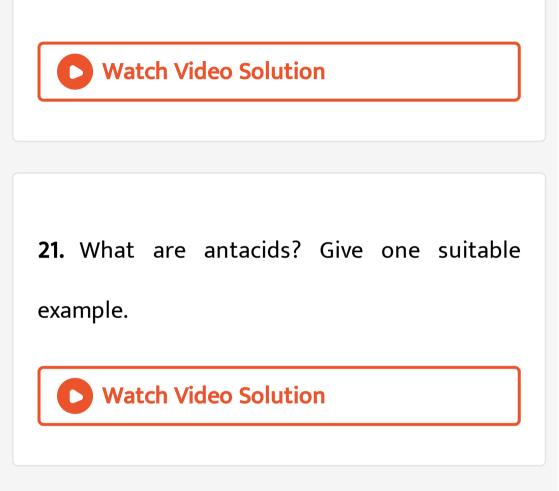


19. What is tincture of iodine? Mention one

use of tincture of iodine.

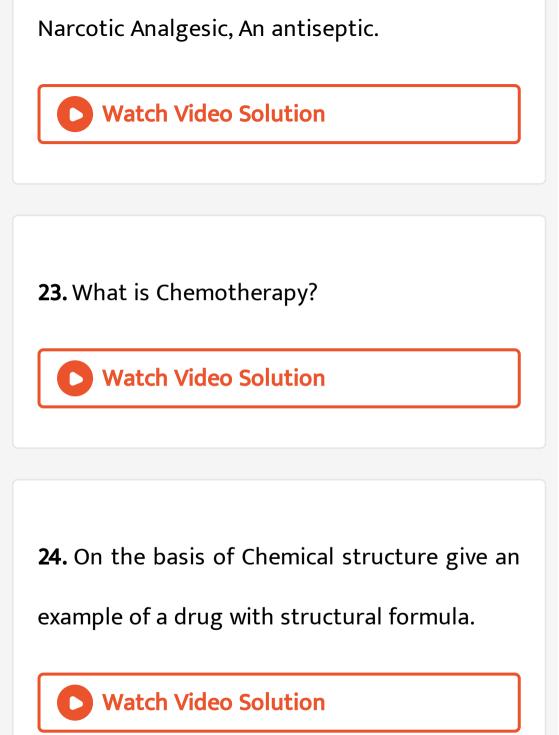
20. What are antibiotics? Give an example of

antibi-otics.

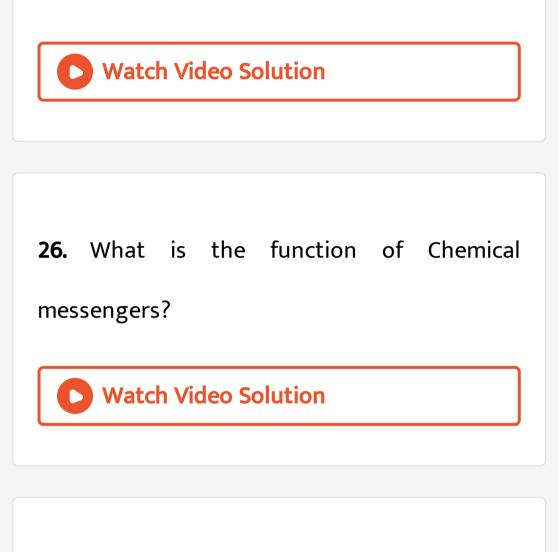


22. Give one example of each of the following:

A tranquilizer, An antidepressant drug,



25. What is allosteric site of an enzyme?



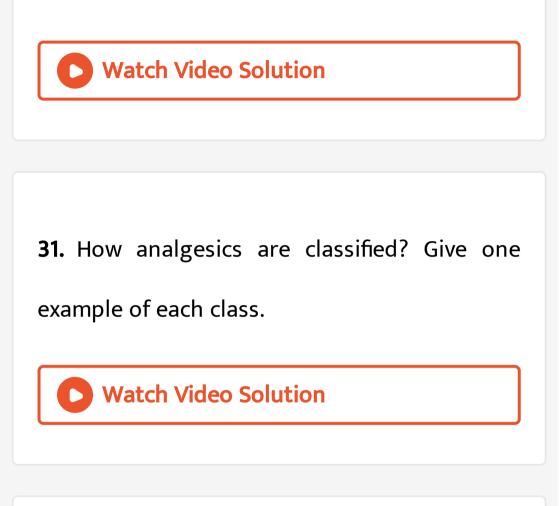
27. What is the function of antacid?

28. While antacids and antiallergic drugs interfere with the function of histamines, why do these not interfere with the function fo each other?

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29. What are tranquilizers?

30. Give two examples of hypnotic



32. To destroy or inhibit the pathogenic action of microbes which type of drugs should be

selected. Give one example of such drug.

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33. Chloramphenicol is an example antibiotic.	of-
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34. Two percent iodine solution in alcohole-

water mixture is calleld.



35. Justify the following: Sleeping pills are recommended to patient suffering from sleeplessness but it is not advisable to take them without consulting the doctor.

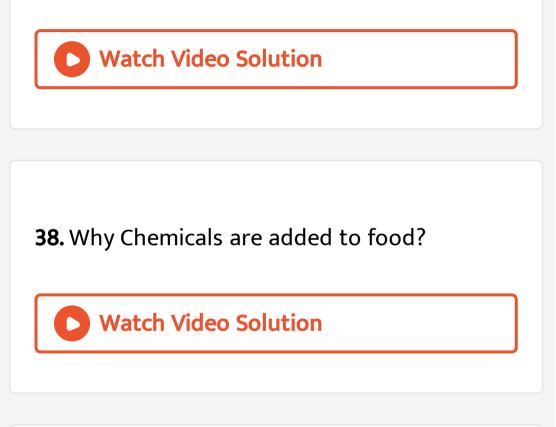


36. What is the role of birth control pill? Give

example of such medicine.



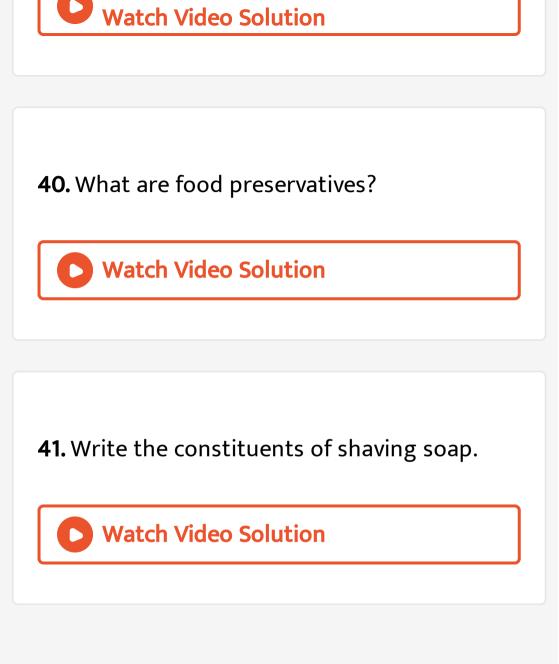
37. What are the main constituents of 'dettol'?



39. Write the Chemical name of Saccharin.

What is its sweetness value?





42. Give an example of a hair conditioner deter-gent.

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43. Why should not mediciens be taken without consulting doctors?

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44. How drugs are classified? Decribe in brief.

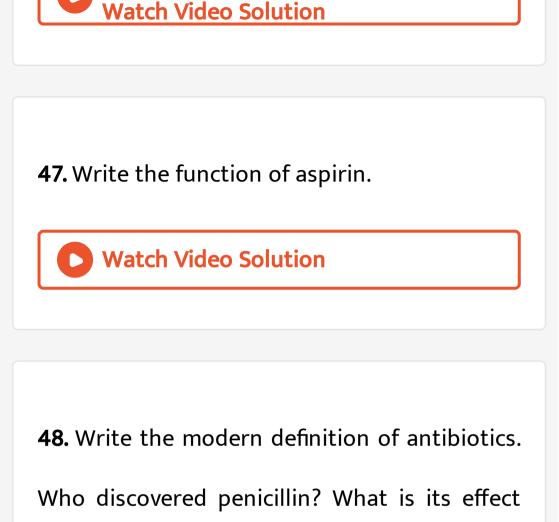


45. Describe the two different ways that a drug inhibit the attachment of substrate on active site of enzymes.



46. When you suffer from cold, there is nasal congestion. Which chemical is associate with it? Write the function of terfenadine.





on mi-crobes?

49. Define broad spectrum, narrow spectur, anti-biotics. Classify the following drugs in accor-dance with above types of antibiotics. Erythromycin, dysidazirine, chloramphenicol, ofloxacin, ampicillin, penicillin G.

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50. What are disinfectants? Give two examples.

51. Write the different components of soap.

Why do soaps not work in hard water?



52. Mention one advantage of the use of

synthetic detergent over soap.



53. What are biodegradable & nonbiodegradable detergents? Give one example of each.



54. What are associated colloids? Briefly describe the cleansing action of soap



55. Explain the following terms with suitable

ex-ample: Cationic detergents.



56. Explain the following terms with suitable ex-ample: Non-ionic detergents

57. Match the two columns:

(Each correct answer carrying 1/2 mark)

- (i) Salvarsan 1. Equanil
- (একুৱানিল)

- (ছেলভবছেন)
- 2. Iodoform
- (ii) Narcotic analgesic

- 3. Antacid (প্রত্যন্ন)
 - 4. Codeine (ক'ডেইন)
 - Saponification, (চাবোনীকৰণ)
 - 6. Histamine (হিষ্টেমাইন)
 - Amino Glycosides (এমাইন' গ্লাইক'চাইডচ)
 - Sodium benzoate
 (চ'ড়িয়াম বেনজ'ৱেট)
 - 9. Antagonist (ঔষধ বিৰোধী)
 - 10. Sulpha drugs (চালফা ঔষধ)
 - Paul Ehrlich

- (and a structure)
- (iii) Sulphonilamide (চালফ'নিলেমাইড)
- (iv) Bind to the receptor site (গ্ৰাহীৰ স্থানত বান্ধ খাই থাকে)
- (v) Food preservative (খাদ্য সংৰক্ষণকাৰী)
- (vi) Bactericidal (বেক্টেৰীয়ানাশী)
 - (vii) Antiseptic (বীজ্ঞাণুবাৰক)
 - (viii) Hydrolysis of esters of fatty acid (ফেটিএচিডৰ এষ্টাৰৰ জল অপঘটন)
 - (ix)Vasodilator
 - (বাহিকা বিস্তাৰক)।
 - (x) Reducing hypertension
 (বিষণ্ণতা হ্রাস কবে)।
 - (xi) Zantac (xii) Estrogén