



CHEMISTRY

BOOKS - BODY BOOKS PUBLICATION

CHEMISTRY IN EVERYDAY LIFE

Example

1. The chemical substances used to bring down body temperature in high fever are known as

_____.



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2. Barbituric acid and its derivatives are commonly called

- A. Antiseptics
- B. Analgesics
- C. Trianquillizers
- D. Antibiotics

Answer:



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3. The use of chemicals in the treatment of disease is called as

A. Chemotherapy

B. Physiotherapy

C. Homeotherapy

D. None of these

Answer:



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4. Streptomycin is a well known antibiotics ,is a derivative of _____.



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5. Bithtonal Is added to soap as an additive which perform as a

A. Hardener

B. Softener

C. Perfume

D. Antiseptic

Answer:



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6. Chemically Aspirin is known as

A. Acetyl salicylic acid

B. Acetyl oxalic acid

C. Methyl salicylic acid

D. None of these

Answer:



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7. Some disinfectants can be used as antiseptic at high concentration state whether this statement is true or false.



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8. Which is not an analgesic ?

A. Aspirin

B. Valium

C. Paracetamol

D. Luminal

Answer:



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9. Hard water contains ions of

A. Ca&Mg

B. Zn&Hg

C. Cu&Fe

D. Na&K

Answer:



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10. Choose correctly matched pair

A. Antibiotic : Veronal

B. Antispectic : Chloramphenicol

C. Analgesic : Dichlophenac sodium

D.

Answer:



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11. Which class of drugs is used in sleeping pills ?



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12. Phenacetin is _____ and Antipyretic.



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13. _____ Consist of Chloroxylenol and Terpineol.



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14. Name a food preservative which is most commonly used by food producers



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15. Which category of the synthetic detergent is used in tooth paste?



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16. Receptors are embedded in_____.



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17. Antiseptics and antibiotics and disinfectants are _____ drugs.



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18. Which one of the following is not a tranquilliser?

A. Equanil

B. Veronal

C. Salvarsan

D. Seritonin

Answer:



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19. _____ is added to soap to make it transparent



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20. Tranquilizers are substance used for the treatment of _____.



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21. Chemical compounds used for the treatment of stress are called _____.



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22. Chemical compounds used for the treatment of stress are called_____.Give one example for the above drug.



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23. The label on the packing of a dried fruit reads "contains BHT antioxidant". What you mean by antioxidant?



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24. Complete the following table

Complex number (z)	Re (z)	Im (z)	\bar{z}	$ z $
$3 + 7i$	-----	-----	-----	-----
$1 - i^3$	-----	-----	-----	-----
$9 + 3i^7$	-----	-----	-----	-----
$(1 - i)^4$	-----	-----	-----	-----



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25. Paracetamol is used as both antipyretic and analgesic. What is the difference between analgesic and antipyretic?



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26. Fruit jam used for commercial purpose contains preservative and allowed colours.

What do you meant by food preservation?

Give three examples.



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27. Which drugs are effective in case of allergic reaction? Name one common drug.



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28. Pick out the odd one from the following on the basis of their medicinal properties.

Luminal, Secanal, Phenacetin, Equanll.



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29. Name one example for artificial sweetening agents and natural sweetener.



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30. Explain narrow spectrum antibiotic. Give an example.



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31. The discovery of antibiotics makes the treatment of diseases very easy. How are antibiotics classified.



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32. The discovery of antibiotics makes the treatment of diseases very easy. Which was the first antibiotic.



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33. Point out one of the disadvantages of synthetic detergents, which cause water pollution.



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34. Differentiate antagonists and agonists.



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35. Give the use of the following: Antacids



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36. Give the use of the following: Tranquilizers



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37. Mention one use for each of the following drugs. Tincture of Iodine



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38. Mention one use for each of the following drugs. Ranitidine (Zantac)



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39. Mention one use for each of the following drugs. Aspirin



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40. Define the terms 'chemotherapy'.



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41. While antacids and antiallergic drugs interfere with the function of histamines, why

do these not interfere with the function of each other?



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42. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.

Analgesics



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43. Write therapeutic action of the following drugs: Antibiotic



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44. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.
Tranquilizers



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45. Write therapeutic action of the following drugs: Antipyretic



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46. Write therapeutic action of the following drugs: Antiseptic



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47. Write therapeutic action of the following drugs: Antibiotic



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48. Antiseptics, disinfectants and antibiotics are antimicrobial drugs. What is the major difference between antiseptics and disinfectants?



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49. Antiseptics, disinfectants and antibiotics are antimicrobial drugs. Write one example each of antiseptics and disinfectants?



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50. Antiseptics, disinfectants and antibiotics are antimicrobial drugs. What are antibiotics ?



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51. Drugs play an Important role in health maintenance. Analgesics and Antibiotics are two Important drugs. Define each.



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52. The doctor prescribed to use antacid for a person who was suffering from acidity in the stomach. What is the function of antacid ?
What are the commonly used antacids?



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53. The doctor prescribed to use antacid for a person who was suffering from acidity in the stomach. Explain the reason for acidity in the stomach.



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54. Indigo Is a Vat-dye. Explain the meaning of the statement.



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55. Point out one of the disadvantage of synthetic detergents, which cause water pollution.



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56. Why do soaps not work in hard water?



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57. Match the following

Match the following:

Vitamin A

Starch

Aldohexose

Enzyme

Glucose

Zymase

Night blindness

Amylose

Fructose



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58. Antibiotics are classified into broad spectrum antibiotics and narrow spectrum antibiotics. Write one example each for these antibiotics.



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59. Write one similarity and one difference between antiseptics and disinfectants.



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60. Mention the action of the following on the human body in bringing relief from a disease.

Brompheniramine



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61. Mention the action of the following on the human body in bringing relief from a disease.

Aspirin



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62. Mention the action of the following on the human body in bringing relief from a disease.

Equanil



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63. Synthetic detergents are cleansing agents which have all the properties of soaps but which actually do not contain any soap. What is the main problem in using detergents?



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64. Synthetic detergents are cleansing agents which have all the properties of soaps but which actually do not contain any soap. What

is the solution to above problem ? How can we save our environment.



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65. Today life is full of stress. Tranquilizers are drugs used for the treatment of stress, mild or even severe mental diseases. These relieve anxiety, stress, irritability and excitement by inducing a sense of well being . Name a tranquilizer used to treat mood changes and depression.



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66. Today life is full of stress. Tranquilizers are drugs used for the treatment of stress, mild or even severe mental diseases. These relieve anxiety, stress, irritability and excitement by inducing a sense of well being . Should tranquilizer be taken regularly for very long periods ?



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67. Antacids are commonly used for neutralization of excess of acids. Why is sodium hydrogencarbonate, not good antacid ?



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68. Antacids are commonly used for neutralization of excess of acids. Why are metal hydroxides better than sodium

hydrogencarbonate? Do these treat the cause of hyperacidity.



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69. What are detergents? How are they classified? Why are detergents usually preferred to soaps for washing clothes? Give an example of detergents.



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70. Why is use of aspartame limited to cold foods and drinks?



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



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72. Why do soaps not work in hard water?



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73. Explain the term 'broad spectrum antibiotics'.



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



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75. How are synthetic detergents better than soaps?



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76. 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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77. Explain the following terms: Cationic detergents



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78. Explain the following terms: Anionic detergents



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79. What are biodegradable detergents?



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80. What is tincture of iodine? What is its use?



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81. Name the macromolecules that are chosen as drug targets.



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82. Why should not medicines be taken without consulting doctors? "



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83. Can you use soaps and synthetic detergents to check the hardness of water?



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84. If water contains dissolved calcium hydrogen carbonate, out of soaps and synthetic detergents which one will you use for cleaning clothes "



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



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86. Analgesics and antibiotics are drugs having different therapeutic actions. Define each class of drugs.



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87. Briefly explain different types of neurologically active drugs and give example for each type.



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88. _____ is an artificial sweetener which is unstable at cooking temperature.



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89. What are drugs?



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90. Write an example for a drug classified based on its chemical structure.



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91. 'Antibiotics, antiseptics and disinfectants are antimicrobial drugs.' Explain any one of the above mentioned drugs with examples.



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92. Identify an analgesic from the following:

A. Equanil

B. Aspirin

C. Serotonin

D. Cimetidine

Answer:



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93. Differentiate between antiseptics and antibiotics.



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94. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.

Analgesics



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95. Write therapeutic action of the following drugs: Antibiotic



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96. Different drugs have different therapeutic action In our body. Write the therapeutic action of the following drugs in our body.

Antihistamines



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97. Explain the following terms related to drug action. Antagonists and agonists.



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98. Explain the following terms related to drug action. Antiseptics and disinfectants.



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99. Differentiate antagonists and agonists.



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100. Explain the following terms related to drug action. Antiseptics and disinfectants. Give example.



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101. Chemotherapy Is a term found in medical terminology. What Is chemotherapy?



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102. Synthetic detergents are classified into three categories. What are the three categories?



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103. Synthetic detergents are classified into three categories. To which of the above categories of synthetic detergents, does the liquid dish washing detergents belong?



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104. Write one similarity and one difference between antiseptics and disinfectants.



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105. Antiseptics, disinfectants and antibiotics are antimicrobial drugs. Write one example each of antiseptics and disinfectants?



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106. Antiseptics, disinfectants and antibiotics are antimicrobial drugs. What are antibiotics ?



Watch Video Solution

107. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.

Tranquilizers



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108. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.

Analgesics





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109. Write therapeutic action of the following drugs: Antibiotic



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110. What are synthetic detergents? Give an example.



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111. What are anionic, cationic and non ionic detergents? Illustrate with examples.



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112. what type of synthetic detergents are used in liquid dish wash?



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113. Drugs play an Important role in health maintenance. Analgesics and Antibiotics are

two Important drugs. Define each.



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Exercise

1. Which category of the synthetic detergent is used in tooth paste?



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2. Synthetic detergents are classified into three categories. To which of the above categories of synthetic detergents, does the liquid dish washing detergents belong?



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3. Ranitidine is used as_____.



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4. Tincture of iodine is used as_____.



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5. Mention one important use of each of the following: Equanil.



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6. Mention one important use of each of the following: Sucralose.



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7. Why should not medicines be taken without consulting doctors? "



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8. What are the main constituents of dettol?



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