

Previous HSE Questions from the chapter “CHEMISTRY IN EVERY DAY LIFE”

1. Which is the chemical substance discovered by Paul Ehrlich for the treatment of syphilis? (1)
2. Briefly explain different types of artificial sweetening agents. (2) [SAY 2018]
3. is an artificial sweetener which is unstable at cooking temperature. (1)
4. (a) What are drugs?
(b) Write an example for a drug classified based on its chemical structure. (2) [March 2018]
5. Match the following:

Column A	Column B
i. Equanil	a. Antacid
ii. Morphine	b. Antiseptic
iii. Tetracycline	c. Disinfectant
iv. Bithional	d. Antibiotic
v. 1% phenol solution	e. Tranquilizer
vi. Ranitidine	f. analgesic




- (3) [SAY 2017]
6. ‘Antibiotics, antiseptics and disinfectants are antimicrobial drugs.’
Explain any one of the above mentioned drugs with example. (3) [March 2017]
 7. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body.
(i) Analgesics (ii) Antibiotics (iii) Tranquilizers (3) [SAY 2016]
 8. a) Identify an analgesic from the following :
(a) equanil (b) aspirin (c) serotonin (d) cimetidine (1)
b) Differentiate between antiseptics and antibiotics. (2) [March 2016]
 9. Write the therapeutic action of the following drugs:
i) Antipyretic ii) Antiseptic iii) Antibiotic (3) [SAY 2015]
 10. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body:
i) Analgesics ii) Antibiotics iii) Antihistamines (3) [March 2015]
 11. a) Antibiotics are classified into broad spectrum antibiotics and narrow spectrum antibiotics. Write one each for these antibiotics. (1)
b) Write one similarity and one difference between antiseptics and disinfectants. (2) [March 2014]
 12. Match the chemical terms shown in column I with the chemicals shown in column II

Column I	Column II
1) Antacid	a) Terfenadine
2) Antihistamine	b) Ranitidine
3) Artificial sweetner	c) Tetracycline
4) Bactericidal antibiotic	d) Aspartame
5) Bacteriostatic antibiotic	e) 1% phenol
6) Disinfectant	f) Ofloxacin

($\frac{1}{2} \times 6 = 3$) [SAY 2014]

13. Tranquilizers and analgesics are neurologically active drugs.
a) What are tranquilizers? Give one example. (1½)
b) What are analgesics? Give one example. (1½) [SAY 2013]
14. a) Chemotherapy is a term found in medical terminology.
a) What is chemotherapy? (1)

- b) Synthetic detergents are classified into three categories.
 i) What are the three categories? (1½)
 ii) To which of the above categories of synthetic detergents, does the liquid dish washing detergents belong? (½) [March 2013]
15. Antiseptics, disinfectants and antibiotics are antimicrobial drugs.
 a) What is the major difference between antiseptics and disinfectants? (1)
 b) Write one example each of antiseptics and disinfectants. (1)
 c) What are antibiotics? (1) [SAY 2012 & March 2009]
16. Different drugs have different therapeutic action in our body. Write the therapeutic action of the following drugs in our body. i) Tranquilizers ii) Analgesics iii) Antibiotics (3) [March 2012]
17. Drugs play an important role in health maintenance. Analgesics and antibiotics are two important drugs.

 a) Define each. (2)
 b) Give one example of each. (1) [SAY 2011]
18. Detergents are used to remove oil and dirt from surfaces.
 a) What are synthetic detergents? Give an example. (1)
 b) What are anionic, cationic and non-ionic detergents? Illustrate with examples. (1½)
 c) Which of the above type of synthetic detergent is used as dish washer? (½) [March 2011]
19. Antiseptics, disinfectants and antibiotics are antimicrobial drugs.
 a) Give two examples for antibiotics. (1)
 b) Write one similarity between antiseptics and disinfectants? (1)
 c) Write one difference between antiseptics and disinfectants? (1) [[March 2010]
20. Classify the following drugs into analgesics, tranquilizers, antipyretics and antiseptics:
 i) 0.2% Phenol ii) Aspirin iii) Tincture of iodine iv) Luminal (2) [March 2010]
21. Classify tetracycline and penicillin based on the range of micro-organisms attacked by them. (2)
 [SAY 2008]
22. a) Chemical compounds used for the treatment of stress are called (1)
 b) Give one example for the above drug. (1) [March 2008]

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