

CHEMISTRY IN EVERYDAY LIFE

CHAPTER-16

TEST-A

SOLVED

Time: 1 hr.

Max. Marks: 30

SECTION-A

Tick the correct option:

- Which of the following is a dipeptide artificial sweetner? [1]
(i) Aspartame (ii) Sucrose (iii) Sucrulose (iv) All of these
- Which of the following pair is an odd one out? [1]
(i) Bithional, Boric acid (ii) Chloromycetin, Chloroxylenol
(iii) Aspirin, Paracetamol (iv) Chloroamphenicol, Tetracycline
- Which of the following is NOT a detergent? [1]
(i) Sodium lauryl sulphate
(ii) Sodium butyrate
(iii) n-Hexyl trimethyl ammonium chloride
(iv) Pentaerythrityl stearate

Assertion-Reason type Questions:

- If assertion and reason both are correct and reason is the correct explanation of assertion.
 - If assertion and reason both are correct and reason is not the correct explanation of assertion.
 - If assertion is correct and reason is wrong.
 - If assertion is wrong and reason is correct.
- Assertion: Soaps are biodegradable cleansing agents. [1]
Reason: Soaps can work very well in hard water.
 - Assertion: Antacids reduces the sceretion of hydrochloric acid by interacting with receptors in stomach wall. [1]
Reason: Sodium bicarbonate, milk of magnesia and aluminium hydroxides are common examples of antacids.

One word /One Sentence type Questions.

- What is the role of butylated hydroxyanisole in the food industry? [1]
- What type of drug the paracetamol is? What medicinal effect does it have on the human beings? [1]

SECTION-B

8. How do antiseptics differ from disinfectants? Name a substance that can be used as an antiseptic as well as a disinfectant. [2]
9. Name a substance which is [2]
- (i) 500 times more sweet than the natural sugar.
 - (ii) given to the patient who is under depression.
 - (iii) given to the patient post operation.
 - (iv) used as a broad spectrum antibiotic.
10. Give reason: [2]
- (i) Excess use of NaHCO_3 as an antacid is not recommended.
 - (ii) SO_2 gas is passed through wines, beer, etc.
11. (i) What is the advantage of using alitame as an artificial sweetener? [2]
- (ii) Why should aspirin not be taken empty stomach?
 - (iii) State the role of sodium benzoate in food industry?
12. Explain the following terms with example: [3]
- (i) Antihistamines
 - (ii) Antifertility drugs
 - (iii) Non-narcotic analgesics
13. (i) Dettol is a mixture of chloroxylenol and _____. [3]
- (ii) What is tincture of iodine? What is its use?
 - (iii) Name the detergent used as a germicide.
14. Write a short note on the following terms: [3]
- (i) Allosteric site
 - (ii) Bacteriostatic drugs
 - (iii) Antipyretics
15. (i) What are cationic and anionic detergents? Give one example of each. [2+2+1]
- (ii) How is soap prepared? Write a chemical equation.
 - (iii) What is the disadvantage of using soaps over detergents?
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