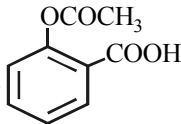


CHAPTER

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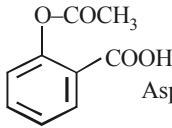
Chemistry in Everyday Life

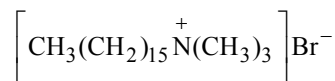
1. The compound  is used as [2002]
- (a) antiseptic (b) antibiotic
(c) analgesic (d) pesticide.
2. Which of the following could act as a propellant for rockets? [2003]
- (a) Liquid oxygen + liquid argon
(b) Liquid hydrogen + liquid oxygen
(c) Liquid nitrogen + liquid oxygen
(d) Liquid hydrogen + liquid nitrogen
3. Which one of the following types of drugs reduces fever? [2005]
- (a) Tranquiliser (b) Antibiotic
(c) Antipyretic (d) Analgesic
4. Aspirin is known as : [2012]
- (a) Acetyl salicylic acid
(b) Phenyl salicylate
(c) Acetyl salicylate
(d) Methyl salicylic acid
5. Which of the following compounds is not an antacid? [2015]
- (a) Phenelzine
(b) Ranitidine
(c) Aluminium hydroxide
(d) Cimetidine
6. Which of the following is an anionic detergent? [2016]
- (a) Cetyltrimethyl ammonium bromide.
(b) Glyceryl oleate.
(c) Sodium stearate.
(d) Sodium lauryl sulphate.

Answer Key

1	2	3	4	5	6									
(c)	(b)	(c)	(a)	(a)	(d)									

SOLUTIONS

1. (c) The given compound is aspirin which is antipyretic and analgesic
2. (b) Liquid hydrogen and liquid oxygen are used as excellent fuel for rockets. $H_2(l)$ has low mass and high enthalpy of combustion whereas oxygen is a strong supporter of combustion.
3. (c) An antipyretic is a drug which is responsible for lowering the temperature of the feverish organism to normal but has no effect on normal temperature states.
4. (a)  Aspirin (Acetyl salicylic acid)
5. (a) Phenelzine is an antidepressant, while others are antacids.
6. (d) Sodium lauryl sulphate ($C_{11}H_{23}CH_2OSO_3^-Na^+$) is an anionic detergent. Glyceryl oleate is a glyceryl ester of oleic acid. Sodium stearate ($C_{17}H_{35}COO^-Na^+$) is a soap. Cetyltrimethyl ammonium bromide



is a cationic detergent.