

Chemistry Worksheet on Chapter 16 Chemistry in Everyday life – Set 2

Q-1: Chloramine T is a dye that is commonly used as

- a) Antipyretic
- b) Analgesics
- c) Antiseptic
- d) Tranquiliser

Q-2: Which among the following is Vitamin E?

- a) Ciprofloxacin
- b) Ibuprofen
- c) Tocopherol
- d) Paracetamol

Q-3: What are barbiturates? What are its various derivatives?

Q-4: Which of the following drugs is used to prevent heart attacks?

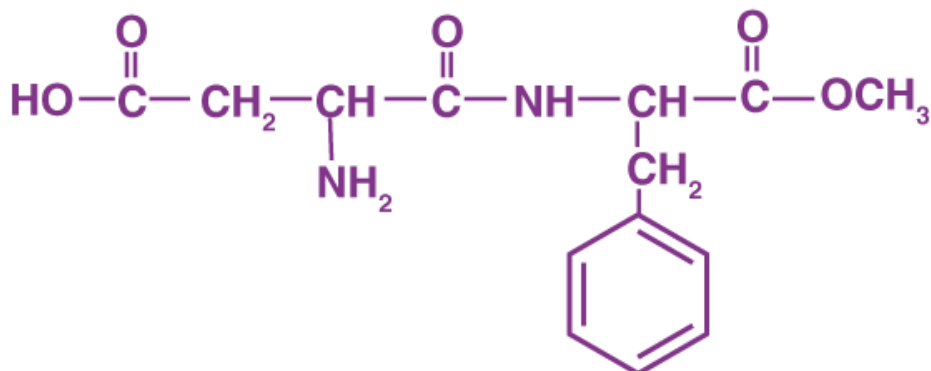
- a) Heroin
- b) 2-Acetoxy benzoic acid
- c) Arsphenamine
- d) Phenyl salicylate

Q-5: Give a point of difference between antiseptic and disinfectant?

Q-6: Salvarsan is used in the treatment of syphilis. Which linkage is present in it?

- a) N=N
- b) As=As
- c) S-S
- d) P-P

Q-7: Aspartame is widely used as an artificial sweetener. The structure for the same is shown below:



Answer the following questions:

- Which two amino acids are present in it?
- Indicate the amino acids in the structure.
- Why is it limited to cold foods and soft drinks?

Q-8: Why do hair washed with hard water look dull?

Q-9: Which part of anionic detergent is involved in the cleansing action?

- Cationic part
- Non ionic part
- Neutral part
- Anionic part

Q-10: If you had an option of using synthetic detergents or soaps for cleaning? Which will you choose?

Q-11: Fill in the blanks

- Chlorine in concentrations of _____ ppm in aqueous solution is used as disinfectant.
- _____ is widely used as an antifertility drug.
- _____ resembles in structure to the compound Salvarsan.
- Neurologically active drugs are _____ and _____.
- Dimetapp is another name for _____.

Q-12: What are the various functions of histamine?

Q-13: Which interactions do the substrate have with the enzyme?

Q-14: Why isn't a combination of aluminium and magnesium hydroxide considered a better antacid over tegamet and Zantac?

Q-15: The diacetyl derivative of morphine is

- a) Codeine
- b) Apomorphine
- c) Heroin
- d) None of the above

Q-16: What are preservatives? Give some examples

Q-17: Bithional contains two rings of 4,6-dichlorophenol that are linked at position 2 via

- a) Oxygen
- b) Sulphur
- c) Phosphorous
- d) Nitrogen

Q-18: Which of the following food additives has nutritive value?

- a) Antioxidants
- b) Food colours
- c) Preservatives
- d) Nutritional supplements

Q-19: Why are chemicals called food additives added to food?

Q-20: Name the artificial sweetening agent that does not provide calories