**THE SCHRAM ACADEMY**

**15. Chemistry in everyday life**

**Grade:XII CHEMISTRY WORKSHEET**

**I Multiple choice questions**

1.Which of the following statements is not correct?

 i). Some antiseptics can be added to soaps.

 ii) Dilute solutions of some disinfectants can be used as antiseptic.

iii) Disinfectants are antimicrobial drugs.

iv) Antiseptic medicines can be ingested.

2.Which is the correct statement about birth control pills?

 i) Contain estrogen only.

ii) Contain progesterone only.

ii) Contain a mixture of estrogen and progesterone derivatives.

iv) Progesterone enhances ovulation.

3.Which statement about aspirin is not true

i) Aspirin belongs to narcotic analgesics.

ii) It is effective in relieving pain.

iii) It has antiblood clotting action.

iv) It is a neurologically active drug.

4.Which of the following chemicals can be added for sweetening of food items at cooking temperature and does not provide calories?

 i) Sucrose ii) Glucose iii) Aspartame iv) Sucralose

5.Which of the following will not enhance nutritional value of food?

 i) Minerals ii) Artificial sweeteners iii) Vitamins iv) Amino acids

6.Salvarsan is arsenic containing drug which was first used for the treatment of\_\_\_\_\_\_\_.

i)syphilis ii) typhoid iii) meningitis iv) dysentery

7.Compound which is added to soap to impart antiseptic properties is \_\_\_\_\_\_\_\_\_.

 i) sodium lauryl sulphate ii) sodium dodecylbenzenesulphonate iii) rosin iv) bithional

8 .Equanil is \_\_\_\_\_\_\_\_\_\_.

 i) artificial sweetener ii) tranquilizer iii) antihistamine iv) antifertility drug

9.Which of the following enhances leathering property of soap?

i) Sodium carbonate ii) Sodium rosinate iii) Sodium stearate iv) Trisodium phosphate

10.Glycerol is added to soap. It functions \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 i) as a filler. ii) to increase leathering. iii) to prevent rapid drying. iv) to make soap granules.

**II Answer the following**

1. Name the artificial sweetner which can be added to cold food items.

 2. Name the drug which is effective in curing typhoid and dysentery.

3. Which site of an enzyme is called allosteric site?

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

5. Explain soaps do not work in hard water.

6. Why is the use of sweetener aspartame limited to cold food and drinks only?

7. Mention one important use of each of the following:(i)Equanil (ii)Sucralose.

8. What is the cause of a feeling of depression in human beings? Name a drug which can be useful in treating this depression.

9. How antiseptics are different from disinfectant. Give one example of each.

10. a) Why is Bithional added to soap? b) Give the composition of Dettol.