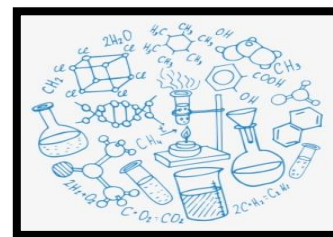
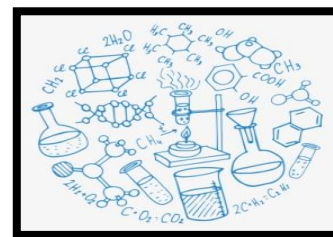


National Institute of Open Schooling
 Senior Secondary Course: Chemistry
 Chapter- 30 (Drugs and Medicines)
 Worksheet-30



1. Sania is 60 years old and has diabetes. She uses saccharine as sweetening agent in tea and coffee and sugar free in sweets. Tara too is diabetic. She controls her sugar level in diet by using less sugar and by exercising.
 - (i) Who is able to handle diabetes more efficiently and why?
 - (ii) What value do you derive from this?
 - (iii) What are the harmful effects of artificial sweeteners?
2. Shyam observed that his friend Raju was showing a change in behaviour from past couple weeks. Raju stayed aloof, did not play and mingle with friends and became easily irritable. He avoided going in any function and parties. Shyam shares his concerns with his Uncle. The Uncle calls Raju's parents and advises them to consult a doctor. Doctor prescribes antidepressant drugs for him
 - (i) Name some antidepressant drugs
 - (ii) Mention the values shown by Shyam
 - (iii) How should Raju's family help him other than medicines?
3. Antiallergics and antacids are antihistamines. Can antiallergics be used to reduce the acidity of the stomach? Give plausible reason for your answer.
4. Pick out the odd one amongst the following on the basis of their medicinal properties. Give suitable reason. (i) Luminal, Seconal, terfenadine, equanil. (ii) Chloroxylenol, phenol, chloamphenicol, bithional. (iii) Sucralose, aspartame, alitame, sodium benzoate.
5. Give the main function of following in the body of human beings. (i) Enzymes (ii) Receptor proteins (iii) Neurotransmitter
6. Identify the class of drug: (i) Phenelzine (Nardin) (ii) Aspirin (iii) Cimetidine

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7. Give the pharmacological function of the following type of drugs: (i) Analgesics (ii) Tranquilizers (iii) Antifertility drugs
8. Give the name of medicine used in the treatments of following diseases: (i) Typhoid (ii) Joint pain (in Arthritis) (iii) Hypertension
9. How are antiseptics different from disinfectants? How does an antibiotic differ from these two? Give one example of each of them.
10. Explain the following terms with suitable examples: (i) Cationic detergents (ii) Anionic detergents (iii) Nonionic detergents



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