



Class	Subject	Chapter	Topic	Web link
IX	Chemistry	Practical work	<p>Module 1.</p> <ol style="list-style-type: none"> 1. What is sublimation? Give two examples. 2. What is decrepitating? Which salt decrepitate on heating? 3. Give the colour of the following compounds: <ol style="list-style-type: none"> (a) $Zn(NO)_3$ (b) $Cu(NO_3)_2$ (c) $CuSO_4 \cdot 5H_2O$ (d) $CuSO_4$ (e) $K_2Cr_2O_7$ (f) PbS 4. How will you distinguish between: <ol style="list-style-type: none"> (a) NH_3 and Cl_2 (b) CO_2 and SO_2 (c) H_2S and SO_2 (d) H_2 and O_2 	
			<p>Module 2</p> <ol style="list-style-type: none"> 5. Differentiate between <ol style="list-style-type: none"> (a) Hard water and soft water (b) Temporary hardness and permanent hardness (c) Soaps and detergents 6. (a) What chemical test you can perform in laboratory to verify that given piece of metal is zinc not copper? (b) Give a chemical test to distinguish between Na_2S and Na_2CO_3. (c) How will you perform a flame test for sodium? 	
			<p>Module 3</p> <ol style="list-style-type: none"> 7. Describe the effect of heat on the following, and also write equations for each. <ol style="list-style-type: none"> (a) Copper carbonate (b) Washing soda (c) Lead nitrate (d) Ammonium chloride 8. Fill in the blanks: <ol style="list-style-type: none"> (a) The gas with _____ smell is hydrogen Sulphide. (b) Smell of Sulphur dioxide is like that of _____. (c) A gas with irritating odors is _____. (d) _____ turns red litmus paper blue. (e) The formula of lime water is _____. (f) The _____ color is imparted to flame by potassium. (g) The calcium imparts _____ color to the flame. 	

			<p>9. What do you understand by point and non-point sources of water pollution?</p> <p>10. Give at least three parameters which should be determined to test quality of water and also give their standards available.</p>	
	Computer	Number System	<ol style="list-style-type: none"> 1. What do you mean by Assignment Statement or Assignment Operator? 2. What is the purpose of new operator? [2006] 3. What do you mean by precedence? Illustrate with the help of example. 4. What is operands? 5. What do you mean by constant? How you declare a variable as constant variables. 6. Which class is used for using different mathematical function in Java program? [2007] 7. What do you mean by type conversion? What is the difference between implicit and explicit type conversion explain with example. 8. What do you mean by type casting? What is the type cast operator? 9. Explain the methods print() and println()? 10. What is an Expression? 11. Mention two different styles of expressing a comment in a program. [2005] 12. Differentiate between operator and expression. [2005] 13. What is a compound Statement? Give an Example. [2005] 14. What is a statement? 15. What are the three constructs that govern statement flow? 	

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