KERALA PUBLIC SCHOOLS

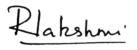
ACADEMIC YEAR 2020-21



HOME ASSIGNMENT (14th to 26th June 2021)

Class	Subject	Chapter	Торіс	Web link
IX	Chemistry	Practical work	Module 1.	
			1. What is sublimation? Give two examples.	
			2. What is decrepitating? Which salt decrepitate on	
			heating?	
			3. Give the colour of the following compounds:	
			(a) Zn(NO) ₃ (b) Cu(NO ₃) ₂	
			(c) CuSO ₄ .5H2O	
			(d) CuSO ₄	
			(e) K ₂ Cr ₂ O ₇	
			(f) PbS	
			4. How will you distinguish between:	
			(a) NH ₃ and Cl ₂	
			(b) CO ₂ and SO ₂	
			(c) H ₂ S and SO ₂	
			(d) H ₂ and O ₂	
			Module 2 5. Differentiate between	
			(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	
			Na2S and Na2Co3.	
			(c) How will you perform a flame test for sodium?	
			Module 3 7. Describe the effect of heat on the following, and	
			also write equations for each.	
			(a) Copper carbonate	
			(b) Washing soda	
			(c) Lead nitrate	
			(d) Ammonium chloride	
			8. Fill in the blanks:	
			(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.	
			(g) The calcium imparts color to the flame.	

Computer	Number System	 9. What do you understand by point and non-point sources of water pollution? 10. Give at least three parameters which should be determined to test quality of water and also give their standards available. 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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