

KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21
HOME ASSIGNMENT (13-07-2020 to 18-07-2020)



CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS
IX	CHEMISTRY	Ch – 9 : Practical Work	<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) $Zn(NO_3)_3$ (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 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. <ol style="list-style-type: none"> (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? 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 	

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| | | | <p>8. Fill in the blanks:</p> <ul 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> | |
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Rakshmi

DIRECTOR ACADEMICS