**Q1/**Distinguish between the following compounds in each mix. by using

 chemical test :-

1. Carboxylic acid + benzene. b-Bromo benzene + chloro benzene.

**Q2/ What,s mean (acid , base ) according to the following concepts:-**

 **1/ Organic chemistry. 2/ Arrhenius Theory.**

 **Q3/** How you can separate the following mixtures using one or more suitable

 method:-

1. NaCl +H2O b) NaCl + Oil

 c/ NaCl + ether d/ benzophenone + H2O

**Q4/ What are the types of Solubility? With a proper exmple.**

 **Q5 / Determine the solubility class for the following organic compounds:**

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**Q6/Write the suitable equation for the following:-**

 **a/ Adding extra sodium in the sodium melt test. c/ Lassaige,s test.**

 **b/ Adding ethanol in the sodium melt test. d/ detection for sulfer.**

 **Q7/Name the following compounds:-**

