BOARD OF INTERMEDIATE EDUCATION, KARACHI
INTERMEDIATE EXAMINATION 2016 (ANNUAL)

Date: 12.05.2016
9:30 a.m. to 9:45 a.m.

CHEMISTRY
(Home Economics Group)

Max. Marks: 07
Time: 15 minutes

The correct answers are highlighted in red colour.

SECTION 'A'
(MULTIPLE CHOICE QUESTIONS) – (M.C.Qs.)

Code :HCH-13

Write this Code. in Answerscript.

NOTE:
i) This section consists of 14 part questions and all are to be answered. Each question carries ½ mark.
ii) Do not copy the part question in your answerscript. Write only the answer <u>in full</u> against the proper number of the question and its part.
iii) The Code of your question paper must be mentioned **in bold letters** in the beginning of your answerscript.

1. Choose the correct answer for each from the given options:

i) The electronic configuration of Potassium is :
* $1s^2 2s^2 2p^6 3s^2 3p^6 3d^1$
* $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$
* $1s^2 2s^2 2p^6 3s^2$
* $1s^2 2s^2 2p^6 3s^2 3p^1$

ii) The product (s) of the reaction between fat and alkali is/are:
* Soap　　* Detergent　　* Glycerin　　* **Soap and Glycerin**

iii) The common name of Tetrachloromethane is:
* Chloroform　　　　　　* Methyl chloride
* Dimethyl chloride　　　* **Carbon tetrachloride**

iv) Molecular formula of Propanol is:
* C_3H_8OH　　* C_3H_5OH　　* C_3H_6OH　　* **C_3H_7OH**

v) 28 gm of KOH equals to:
* **0.5 mole**　　* 1 mole　　* 2 mole　　* 2.5 mole

vi) This is the main constituent of Vinegar:
* Formic acid　　* **Acetic acid**　　* Oxalic acid　　* Tartaric acid

vii) The Molecular formula of Octene is:
* C_8H_{18}　　* **C_8H_{16}**　　* C_8H_{14}　　* C_8H_{13}

viii) Water gas is a mixture of:
* **CO and H_2**　　* H_2 and O_2　　* H_2 and CO_2　　* H_2O and CO

ix) The pH of 0.1M HCl is:
* **1**　　* 2　　* 3　　* 4

x) The maximum number of electrons in M shell is:
* 2　　* 8　　* **18**　　* 32

xi) The number of elements in the third period of periodic table is:
* 2　　* **8**　　* 18　　* 32

xii) This bond is formed by complete transference of electron:
* Covalent bond　　　　* Coordinate covalent bond
* **Ionic bond**　　　　　* Hydrogen bond

xiii) This is the sweetest sugar:
* Glucose　　* **Fructose**　　* Sucrose　　* Maltose

xiv) Neutron has:
* positive charge　　　　* negative charge
* **no charge**　　　　　* both negative and positive charges

--------------xxxxxxxxxx--------------