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-04

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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