

Course No: DMED 1207
Course Title: General Chemistry
Date: / /2018
No. of Questions: (5)
Time: 1 hours
Using Calculator (Yes)

University of
Palestine

First Exam
2017/2018

Instructor Name:
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)
Total Grade: 15

Question I. Define the following terms " 2 Marks"

1. Homogeneous mixture:

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2. Anion:

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3. Molecular formula:

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4. Compound:

Question II. True Or False (3 Marks)

1. Elements of the same group are similar in electronic configuration ().
2. The electron tends to go to high energy shell ().
3. The elements of (2A) group tend to give away one electron ().
4. Nucleus of an atom contains electrons and protons ().
5. Many compounds have same molecular and empirical formula. ().
6. Mole is weight of Avogadro's No. of atoms ().

Question III. Choose the correct answer (5 Marks)

1. The Electron configuration of $[\text{Cu}^{29}]^{+2}$ is

- a. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^9$ b. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^7$
c. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1 3d^{10}$ d. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^3 3d^8$

Good Luck