

**Department of Computer Science**

**Bahria University**

**GSC-114: Applied Physics**

**Semester03 (Fall 2023)**

**ASSIGNMENT 01**

Marks: 05

# NAME:

# CLASS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# REG #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Marks Obtained:**

**Instructions.**

* Please ensure that your name, your registration number, Class and Section be clearly visible on the first page of your submission
* Late submission is not allowed.
* Give precise and meaningful answers
* Copied or Duplicate Assignments are to be cancelled.
* Assignment must be hand written. Take screenshots and upload pdf file.
* Date of Submission: 21-10-2023

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**Solve the following [PLO1, CLO2, C4]**

1. Relate which physics principles are applied in the following:

* Wireless communications
* Processor design
* Storage devices

2. If the electrons in a metal such as copper are free to move about, they must often find themselves headed toward the metal surface. Why do they not keep on going and leave the metal?