

**Department of Computer Science**

**Bahria University**

**GSC-114: Applied Physics**

**Semester01 (Fall 2023)**

**ASSIGNMENT 03**

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: 06-12-2023

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**Task [CLO2,PLO1,C3]**

* **Identify** three applications of Faraday’s law and explain the working principle of any one of them
* **Apply** your knowledge of electromagnetic induction to find out the law of physics that is responsible for the working of electromagnetic braking system and explain its working principle.