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**B.E./B.TECH. DEGREE EXAMINATIONS, FEBRUARY 2024**

**Continuous Assessment – I**

**Eighth Semester**

**EE8018 – MICROCONTROLLER BASED SYSTEM DESIGN (Reg 2017)**

**(B.E. (Electrical & Electronics Engineering))**

**Time: 9.00 to 10.40 am Maximum: 50 Marks Answer ALL Questions**

**PART – A (5 x 2 = 10 Marks)**

|  |  |  |
| --- | --- | --- |
| **1.** |  | **[CO1–K1]** |
| **2.** |  | **[CO1–K1]** |
| **3.** |  | **[CO2–K1]** |
| **4.** |  | **[CO2–K2]** |
| **5.** |  | **[CO2–K1]** |

**PART – B (2 x 13 = 26 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| **6. (a)** | **(i)** |  | **(13 marks)[CO1–K2]** |
| **(OR)** | | | |
| **(b)** | **(i)** |  | **(13 marks)[CO1–K2]** |
|  | | | |
| **7. (a)** | **(i)** |  | **(13 marks)[CO2–K2]** |
| **(OR)** | | | |
| **(b)** | **(i)** |  | **(13 marks)[CO2–K2]** |

**PART – C (1 x 14 = 14 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| **8. (a)** | **(i)** |  | **(14 marks)[CO1–K2]** |
| **(OR)** | | | |
| **(b)** | **(i)** |  | **(8 marks)[CO1–K2]** |
|  | **(ii)** |  | **(6 marks)[CO1–K2]** |

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