**Internet of Everything**

**Assignment III - Online Assignment**

**YEAR/SEM: *BE* IT/VIII**

**DATE: 26/03/2020**

**Submission Deadline: 02/04/2020**

**MARKS: 10**

**Name: Kazi Jawwad A Rahim Roll No: 28**

**Roll No 1-30 (Q 1-3) Roll No 31-72(Q 4-6) Q. no 7 to 10 is common to all**

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| **Sr.** | **Question** | **M** | **Module** | **Level** | **CO** |
| Q1 | What is Structural Health Monitoring? | [2] | M6 | R | CO6 |
| Q2 | Give full form of 1. RPC 2. SNMP 3. CLI 4. SOAP | [2] | M6, M5 | R | CO5, CO6 |
| Q3 | What is MQTT? State its applications in IoT. Compare MQTT with COAP | [5] | M4 | U | CO4 |
| Q4 | What is Configuration management? What are tools used for the same | [2] | M6 | R | CO6 |
| Q5 | What are the advantages of REST in view of IoT | [2] | M5 | A | CO5 |
| Q6 | What is Localization? Explain Range Bases and Range free Localization | [5] | M4 | A | CO4 |
| Q7 | Explain REST API Architecture with detailed diagram | [5] | M4 | U | CO4 |
| Q8 | Compare IPv4 and IPv6 | [5] | M5 | A | CO5 |
| Q9 | What is Apache Hadoop? How it is relevant for IoT data analytics? | [5] | M6 | AN | CO6 |
| **Q10** | **Prepare a Structural Health Monitoring Case Study** | **[10]** | **M6** | **C** | **CO6** |

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