Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐                                       Total No. of Pages : 02

Total No. of Questions : 09

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M.Sc.(IT)          (Sem.–4)
# IOT AND ITS APPLICATIONS
Subject Code : PGCA1943
M.Code : 79567
Date of Examination : 13-07-22

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Time : 3 Hrs.                                                                Max. Marks : 70

**INSTRUCTIONS TO CANDIDATES :**
1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION - B & C have FOUR questions each.
3. Attempt any FIVE questions from SECTION B & C carrying TEN marks each.
4. Select atleast TWO questions from SECTION - B & C.

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SECTION-A

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1.  **Write short notes on :**

    a.  What is M2M technology?

    b.  Define Big Data Analytics.

    c.  What is Python used for?

    d.  How Bluetooth works?

    e.  Write the use of Gateways.

    f.  Define XaaS.

    g.  What are Control Devices?

    h.  What are I/O interfaces?

    i.  Discuss TCP protocol.

    j.  What is Authentication?

**SECTION-B**

2. Give the architectural view of IoT.

3. What is the importance of Business process in IoT?

4. What is Raspberry Pi? Write any one use of it.

5. Discuss the different protocols used for communication in IoT.

**SECTION-C**

6. Explain the framework for IoT applications development.

7. Discuss the use of data acquisition and integration in IoT.

8. How unstructured data storage is performed on cloud servers?

9. Give the brief introduction of applications of IoT in Agriculture sector.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student**.