Roll No. | | | | | | | | | | | | Total No. of Pages : 01

Total No. of Questions : 07

BCA (Sem.–5)

INTERNET OF THINGS

Subject Code : UGCA-1933

M.Code : 90316

Date of Examination : 14-12-22

Time : 3 Hrs. Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.**

SECTION-A

1. **Write briefly :**
   a. What are the communication protocols used by loT?
   b. What are Wireless Sensor Networks?
   c. What is Software Defined Networking in IoT?
   d. What is Cloud Computing?
   e. What is the role of big data analytics in IoT?
   f. What are network operator requirements in IoT?
   g. What is the use of YANG in IoT?
   h. What is Raspberry Pi I2C Interface?
   i. What is web server in IoT?
   j. Why cloud is needed for IoT?

SECTION-B

2. What is the need of IoT? What are the IoT enabling technologies?
3. Explain the domain specific IoT applications give suitable examples.
4. What are M2M applications and purpose of M2M in IoT?
5. What is the need of IoT system management? Explain.
6. How NETCONF-YANG manages the IOT system? Explain.
7. What is Raspberry Pi and its applications? Explain Raspberry Pi SPI.

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.

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