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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (Sem.-6) INTERNET OF THINGS Subject Code : UGCA-1933 M.Code : 91731 Date of Examination : 15-07-22

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) List the characteristics of IOT.
 - (b) Define cloud computing.
 - (c) What are embedded systems?
 - (d) Differentiate between data and information in IoT.
 - (e) Differentiate between IoT and M2M.
 - (f) Name any four services offered by Raspberry Pi.
 - (g) What are three components of simple network management protocol?
 - (h) Why we need of IoT Security?
 - (i) What is the purpose of YANG?
 - (j) What is Network functions virtualization?

SECTION-B

- 2. What is Internet of Things (IoT)? Which device we called IoT device and what are the components required to design IoT Device? Explain with example.
- 3. Write a note on domain specific IoT applications.
- 4. List and compare ten best cloud platforms available for IoT.
- 5. Write a note on IoT Protocols. What is requirement of IoT Protocol Standardization?
- 6. Explain in detail various security models used in Internet of Things.
- 7. Write a note on IoT system Management and its need.

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