

Roll No.

Total No. of Pages : 01

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M.Tech. (Emb. Sys.) (Sem.-2)
INTERNET OF THINGS & APPLICATIONS

Subject Code : MTES-103-18

M.Code : 76209

Date of Examination : 04-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

1. Explain in detail about IoT Strategic Research and Innovation Directions.
2. Write short notes on:
 - a) Security and Privacy issues in IoT
 - b) Smartie Approach
3. Why python is preferred as a language for IoT devices over various programming languages available? Explain in brief about the data types and functions in reference to Python Programming.
4. Differentiate between
 - a) M2M chains and IoT chains
 - b) Cloud computing and Fog computing
5. Explain in detail about an emerging industrial structure and data aggregation for IoT in Smart cities.
6. Explain in brief about SDN. Write a detailed note on SDN for IoT.
7. Explain the Architecture and components of Internet of things in detail.
8. Discuss area of development and standardization in IoT. What issues might affect the development and implementation of IoT?

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.