

Code No: 865AH

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA V Semester Examinations, February - 2022

INTERNET OF THINGS

Time: 3 Hours

Max.Marks:75

**Answer any Five Questions
All Questions Carry Equal Marks**

1. With a neat diagram explain the IoT communication model. [15]
2. Illustrate the role of IoT in home, city and environment applications. [15]
3. Describe in detail about the concept of network function virtualization. [15]
4. With a neat sketch explain the network management protocol (NETCONF) in IoT. [15]
5. Illustrate the functions in the JSON package of python. [15]
6. Elaborate with examples about the file handling concept in python. [15]
7. Write a Python program with Raspberry PI with focus of reading input from pins. [15]
8. Explain the concept of designing the RESTful Web API for IoT. [15]

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