SRINIX COLLEGE OF ENGINEERING

2ND INTERNAL EXAMINATION-2020-21

Subject-**IOT**   Semester-**7th**   Branch-**CSE**

Full Mark-**60**   Time-**2.00Hrs**

ANSWER ALL THE QUESTIONS   (GROUP-A)   [2*6]

1. What are the main parts of **IoT** systems?.
2. Which communication protocols are used for M2M local area network?
3. What are the difference between Machines in M2M and Things in IOT?
4. How do data collection and analysis approaches differ in M2M and IOT?
5. What are the difference between SDN and NFV?
6. How Is Industrial Internet Of Things (iiot) Different From The Internet Of Things (iot)**?**
7. What Impacts Will The Internet Of Things (iot) Have On Health Care Sector?
8. What is a RFID Tag?
9. Explain BLE.
10. Mention the interfaces of Raspberry Pi.

ANSWER Any Four QUESTIONS   (GROUP-B) [5*4]

1. Describe how SDN can be used for various levels of IOT.

2. What is the function of a centralized network controller in SDN?

3. Describe how NFV can be used for virtualizing IOT devices?

4. What is the difference between a python module and a package?

5. How is function overriding implemented in python?

6. Detenmine the IOT levels for designing home automation IOT system including smart lighting   and intrusion detection.

ANSWER Any Four QUESTIONS   (GROUP-C) [10*2]

1. Determine various communication models that can be used for weather monitoring system.

2. What is the function of a data model manager?

3.Explain in Detail about Raspberry Pi.