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VI Semester Diploma Examination, April/May-2019**INTERNET OF THINGS****Time : 3 Hours |****| Max. Marks : 100**

- Instructions :** (i) Answer any **six** questions from Part – A. Each carries **5** marks.
(ii) Answer any **seven** questions from Part – B. Each carries **10** marks.

PART – A

1. Describe the characteristics of IOT. **5**
2. Discuss Big data analytics role in IOT. **5**
3. Explain IOT level-5. **5**
4. Explain Remote vehicle diagnostics using IOT. **5**
5. Explain role of IOT in health and fitness monitoring. **5**
6. What are the differences between machines in M2M and Things in IOT ? **5**
7. Describe process specifications for Home automation IOT system. **5**
8. List and explain the functional attributes of an IOT device. **5**
9. Explain the open Internet of things definition. **5**

PART – B

10. Explain the components of IOT. 10
 11. Explain IOT communication models. 10
 12. Describe in brief the application of IOT for homes. 10
 13. Explain forest fire detection & river flood detection using IOT. 10
 14. Explain with a diagram SDN architecture. 10
 15. List the steps involved in IOT system design methodology. 10
 16. Explain Domain model specification with an example. 10
 17. Explain various components peripherals of Raspberry pi board. 10
 18. Write a note on other IOT devices. 10
 19. Explain five critical requirements for sensor common's project. 10
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