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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year II Semester Regular Examinations October-2020
INTERNET OF THINGS

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Briefly discuss about Http and Https in detail. 6M
b Explain about TCP & UDP Ports-L2. 6M

OR

- 2 a What is the role of things and internet in IoT. 6M
b Explain about Internet Communications. 6M

UNIT-II

- 3 a Describe about physical prototypes and mass personalization. 6M
b Briefly explain about arduino in embedded devices. 6M

OR

- 4 a Briefly explain about arduino in embedded devices. 6M
b Explain about embedded computing basics. 6M

UNIT-III

- 5 a Discuss about constrained application protocol. 6M
b Simple note on CNC milling. 6M

OR

- 6 a Explain about MQ Telemetry transport. 6M
b Describe about software hinges and joints in laser cutting. 6M

UNIT-IV

- 7 a Explain how funding an IoT startup. 5M
b Explain memory management with any three types. 7M

OR

- 8 a Write a short history of business models. 6M
b Discuss about government and crowd funding. 6M

UNIT-V

- 9 a Explain the simple solutions in ethics. 6M
b How the environment will work in ethics. 6M

OR

- 10 a Explain about costs in ethics. 6M
b Explain how moving to manufacture occurs. 6M

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