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Question Paper Code: 55Q18

Ph.D. COURSE WORK EXAMINATION, MAY 2018

Elective

Computer Science Engineering

15PCS518 - PROTOCOLS AND ARCHITECTURE FOR WIRELESS SENSOR NETWORK

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Write a detail about characteristic requirements of wireless sensor network. CO1- App (20)
Or
(b) Give a detail about uses of WSN. CO1- U (20)
2. (a) Explain about hardware components design. CO2- U (20)
Or
(b) Explain the concept used to transit the data for long distance. CO2- U (20)
3. (a) Explain about localization and positioning. CO3- U (20)
Or
(b) Explain single hop & multi hop positioning. CO3- U (20)
4. (a) Explain about the goal of routing protocol. CO4- U (20)
Or
(b) Give a detail about compression techniques in WSN. CO4- U (20)

5. (a) Explain about sensor node hardware. CO5- U (20)

Or

(b) Explain pieces simulators. CO5- U (20)
