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Sixth Semester
Mid Sem. Examination

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Roll No.....
B.Tech. (ECE)
March-2019

EC316: WIRELESS SENSOR NETWORKS

Time: 1.5 hours

Max. Marks: 20

Note: All Questions are compulsory.

Assume suitable missing data, if any.

1. [a] Differentiate between MACA and MACAW protocol. [3]
[b] Draw architecture of a single wireless sensor node. [2]

2. [a] Differentiate between adhoc wireless networks and wireless sensor networks. [3]
[b] Explain in brief: Mica Mote [3]

3. [a] Explain DSDV protocol. [3]
[b] What is the advantage of clustered architecture over layered architecture in wireless sensor networks? [2]

4. Explain:
(i) Hidden and Exposed Terminal Problem [2]
(ii) EYES [2]

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