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| **PAAVAI ENGINEERING COLLEGE – NAMAKKAL** | | | | |
| (An Autonomous Institution, Affiliated to Anna University, Chennai) | | | | |
| 6th Semester B.E./B.Tech. Degree Examinations – Cycle Test – II | | | | |
| (Regulations – 2016) | | | | |
| **B.E. – Electronics and Communication Engineering** | | | | |
| **EC16251 -Wireless Sensor Networks** | | | | |
| ***L1****– Remembering,* ***L2****– Understanding,* ***L3*** *– Apply,* ***L4*** *– Analyze,* ***L5*** *– Evaluate,* ***L6****– Create* | | | | |
| Time:45 minutes Maximum Marks :25 | | | | |
| **Part A (5 x 2 = 10 Marks)** | | | | |
|  | | | | |
| Answer **ALL** Questions | | | | |
| 1. | Write the goal of sensor Networks. | | L1 | CO1 |
|  | | | | |
| 2. | List four basic components in WSNs. | | L2 | CO1 |
|  | | | | |
| 3. | Mention the role of Exploit trade-off in WSN. | | L1 | CO1 |
|  | | | | |
| 4. | State the various interaction patterns between source and sink. | | L4 | CO1 |
|  | | | | |
| 5. | What is data centric Network? | | L5 | CO1 |
|  | | | | |
| **Part B (9+6 = 15 Marks)** | | | | |
|  | | | | |
| Answer **ALL** Questions | | | | |
| 6. | Explain in detail about the application for Wireless Sensor Networks |  | L1 *CO1* | (9) |
|  | | | | |
| 7. | Discuss about various interaction pattern in Wireless Sensor Networks |  | L2 *CO1* | (6) |

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| 5. | What is data centric Network? | | L5 | CO1 |
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| **Part B (9+6 = 15 Marks)** | | | | |
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| Answer **ALL** Questions | | | | |
| 6. | Explain in detail about the application for Wireless Sensor Networks |  | L1 *CO1* | (9) |
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| 7. | Discuss about various interaction pattern in Wireless Sensor Networks. |  | L2 *CO1* | (6) |

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