| S.No | QUESTION   |
|------|--|
| 1    | What is localization and what is the advantage of localization?      |
| 2    | Discuss on the parameters defined by the homogenous topology control |
| 3    | Explain how clustering solves the issue of scalability on WSN        |

| S.No | QUESTION   |
|------|--|
| 4    | List various services offered by localization  |
| 5    | Why is topology control necessary for WSN?   |
| 6    | What are the advantages of clustering?   |
| 7    | Explain the Challenges in Topology Control   |
| 8    | Explain about design of effective topology control mechanisms.                               |
| 9    | Explain the three major tunable parameters for topology control in wireless sensor networks. |
| 10   | Explain about clustering.  |
| 11   | Explain about sensor tasking. 7/9  |
| 12   | What are the approaches for localization.  |
| 13   | Classify routing protocols.  |
| 14   | Write about Power-Aware routing protocols.   |
| 15   | Write about information aggregation.   |
| 16   | What is mobile ad-hoc network?   |
| 17   | Write about adhoc wireless networks.   |
| 18   | Write short note on Hierarchical routing protocols.  |
| 19   | Explain about joint routing.   |
| 20   | Explain about synchronization  |
|      | Part – B (Long Answer Questic  |
| 1    | Discuss in details any two localization and positioning algorithms.                          |
| 2    | Explain in details sensor tasking and control mechanism.                                     |