

Note:1. Q.1 is compulsory

2. Attempt any 3 from remaining

3. Assume suitable data if necessary.

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| Q1 A) Explain basic properties and applications of Ubiquitous system. | 10 |
| B) Explain in detail different challenges of Ubiquitous Computing. | 10 |
| Q2. A) Explain in detail Context-aware computing and context-aware systems. | 10 |
| B) Discuss smart DEI model. | 10 |
| Q3. A) Explain in detail network design in Ubiquitous system | 10 |
| B) Explain in detail Hidden UI Via Basic Smart Devices. | 10 |
| Q4. A) Discuss in detail design problems in Ubiquitous Computing with an example. | 10 |
| B) Explain in detail Service Provision Life-Cycle. | 10 |
| Q5. A) Explain in detail Service Architecture Models. | 10 |
| b) Explain in detail Human Intelligence Versus Machine Intelligence. | 10 |
| Q6. Write short notes on following | 20 |
| a) MEMS | |
| b) HCD | |