**UNIT – I**

**One Mark Questions**

1. **What is a distributed system?**
2. **What is the purpose of distributed system?**
3. **What are the examples of distributed system?**
4. **What is heterogeneity?**
5. **What is openness?**
6. **What is scalability?**
7. **What is Inter process Communication?**
8. **What is socket?**
9. **What is marshaling?**
10. **What is architectural model?**
11. **What are the key challenges of distributed system?**
12. **Explain about security?**
13. **What is concurrency?**
14. **What is transparency?**
15. **Explain about software layers?**
16. **What are peer processes?**
17. **What are Mobile Agents?**
18. **What are limitations of spontaneous networking?**
19. **What is interaction model?**

**Five Mark Questions**

1. **What are the examples of distributed systems?**
2. **Explain about failure handling?**
3. **Explain the key features of spontaneous networking?**
4. **Explain the three models of fundamental modeling?**
5. **Explain about synchronous distributed systems?**
6. **Explain about Asynchronous distributed systems?**
7. **Explain about the performance of communication channels?**
8. **What are the characteristics of Inter process communication?**
9. **Explain about Datagram packet and Datagram Socket?**
10. **Explain about marshaling and unmarshaling?**

**Ten Mark Questions**

1. **Explain in detail about architectural models**
2. **Explain in detail about Inter process communication?**
3. **Explain about UDP and TCP communications?**
4. **Explain about client – server communication?**
5. **Explain about HTTP methods?**
6. **What is Group communication and explain briefly**
7. **Discuss about Reply – Request protocol**
8. **Write a short notes on data representation in CORBA**
9. **Discuss about securing processes and their interactions**
10. **Briefly discus about failure models**