

Model Question paper for online examination

M.Sc.CS Part- 2 Paper 2 : Distributed Computing & Embedded Systems

1. Connections that grows exponentially into a new dynamic network of networks, is known as
 - A. Dynamic
 - B. Static
 - C. Transparent
 - D. Opaque

2. A system which is result of interaction between computational processes and physical world, s known as
 - A. Cyber-processing system
 - B. Controlled-processing system
 - C. Controlled-physical system
 - D. Cyber-physical system

3. In distributed system each processor has its own
 - a) local memory
 - b) clock
 - c) both local memory and clock
 - d) none of the mentioned

4. Network operating system runs on
 - a) server
 - b) every system in the network
 - c) both server and every system in the network
 - d) none of the mentioned

5. Which technique is based on compile-time program transformation for accessing remote data in a distributed-memory parallel system.
 - a) cache coherence scheme
 - b) computation migration
 - c) remote procedure call
 - d) message passing

6. What is the main purpose of the memory management unit?

- a) address translation
- b) large storage
- c) reduce the size
- d) provides address space

7. Which is an example of superscalar architecture?

- a) Pentium 4
- b) 8086
- c) 80386
- d) Pentium pro

8. Which statement is true for a cache memory?

- a) memory unit which communicates directly with the CPU
- b) provides backup storage
- c) a very high-speed memory to increase the speed of the processor
- d) secondary storage

9. Embedded system application typically involve processing information as_____

- a. Block level
- b. Logical volumes
- c. Distance
- d. Signals

10. How is memory accessed in RISC architecture?

- a) load and store instruction
- b) opcode instruction
- c) memory instruction
- d) bus instruction