

# Unit 2 - Week 0 Assignment 0

## Course outline

How does an NPTEL online course work?

### Week 0 Assignment 0

Quiz : Assignment-0

### Week 1

### Week 2

### Week 3

### Week 4

### Week 5

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## Assignment-0

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2020-01-27, 23:59 IST.**

- 1) The physical layer concerns with\_\_\_\_\_ 1 point
- Bit-by-bit delivery
  - Process to process delivery
  - Application to application delivery
  - None of the mentioned

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Bit-by-bit delivery

- 2) Concurrent access to shared data may result in\_\_\_\_\_ 1 point
- Data consistency
  - Data insecurity
  - Data inconsistency
  - None of the mentioned

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Data inconsistency

- 3) The following three conditions must be satisfied to solve the critical section problem : 1 point
- Mutual Exclusion
  - Progress
  - Bounded Waiting
  - All of the mentioned

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
All of the mentioned

- 4) Mutual exclusion implies that : 1 point
- If a process is executing in its critical section, then no other process must be executing in their critical sections
  - If a process is executing in its critical section, then other processes must be executing in their critical sections
  - If a process is executing in its critical section, then all the resources of the system must be blocked until it finishes execution
  - None of the mentioned

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
If a process is executing in its critical section, then no other process must be executing in their critical sections

- 5) Which layer is responsible for the process-to-process delivery ? 1 point
- Network
  - Transport
  - Application
  - Physical

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Transport

- 6) An interrupt that can be temporarily ignored is 1 point
- Vectored interrupt
  - Non-maskable interrupt
  - Maskable interrupt
  - High priority interrupt

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Maskable interrupt

- 7) In the memory hierarchy, as the speed of operation increases the memory size also increases. 1 point
- True
  - False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

- 8) What is the default subnet mask for a class C network? 1 point
- 127.0.0.1
  - 255.0.0.0
  - 255.255.0.0
  - 255.255.255.0

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
255.255.255.0

- 9) Which of the following device is used to connect two systems, especially if the systems use different protocols? 1 point
- Hub
  - Bridge
  - Gateway
  - Repeater

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Gateway

- 10) A distributed network configuration in which all data/information pass through a central computer is 1 point
- Bus network
  - Star network
  - Ring network
  - Point-to-point network

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Star network