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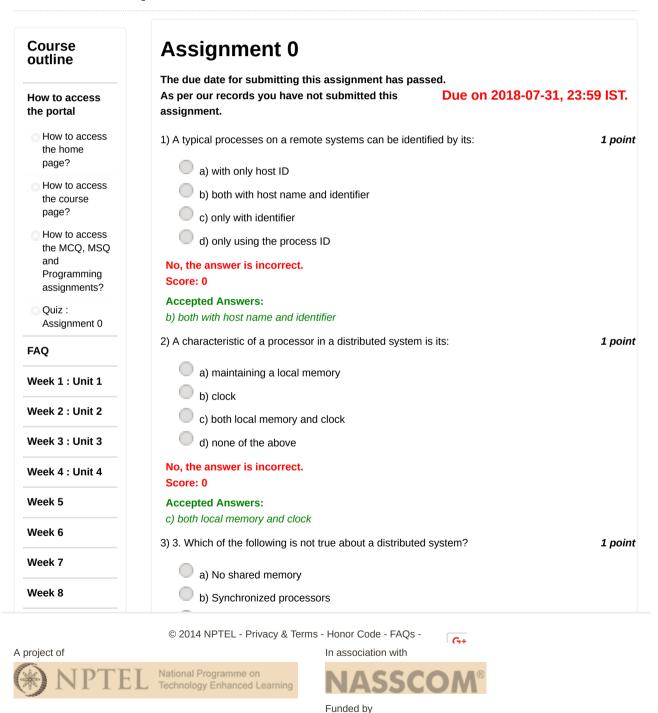
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## Unit 1 - How to access the portal



| VIDEO<br>DOWNLOAD | 4) To detect the failures in link and/or a site which of the following mechanism is used by a <b>1 point</b> distributed system   |
|-------------------|---|
|                   | a) Polling  |
|                   | b) Token Passing  |
|                   | c) Handshaking  |
|                   | d) Generation of Interrupts   |
|                   | No, the answer is incorrect.  |
|                   | Score: 0  |
|                   | Accepted Answers: c) Handshaking  |
|                   | 5) What in a distributed file system cannot be obtained from the file name of a file? 1 point   |
|                   | a) the local name of the file   |
|                   | b) physical storage location of the file  |
|                   | c) both local name and physical storage location of the file  |
|                   | d) none of the above  |
|                   | No, the answer is incorrect. Score: 0   |
|                   | Accepted Answers:   |
|                   | b) physical storage location of the file  |
|                   | 6) Which of the following are the characteristics of a fully distributed system? i) When a <b>1</b> point process has executed its critical section, the process then sends reply to all the requests it has postponed ii) A process can enter the critical section when it has obtained response from all other processes iii) All requests are handled by a coordinator processor iv) With every critical section entry a separate request, reply and release |
|                   | a) ii and iii   |
|                   | b) i and ii   |
|                   | c) ii and iv  |
|                   | d) iii and iv   |
|                   | No, the answer is incorrect. Score: 0   |
|                   | Accepted Answers:   |
|                   | b) i and ii   |
|                   | 7) Which of the following is the main principle behind the property of atomicity? <b>1</b> <i>point</i>   |
|                   | a) Either complete execution or no execution related to a process   |
|                   | b) Usage of communication links   |
|                   | c) A process can enter the critical section when it has obtained response from all other processes  |
|                   | d) All requests are handled by a coordinator processor  |
|                   | No, the answer is incorrect.  |
|                   | Score: 0  |
|                   | Accepted Answers:   |
|                   | a) Either complete execution or no execution related to a process  (a) Which of the following in/ore points includes a conditionable by the transaction coordinates?  1 points  |
|                   | 8) Which of the following is/are maintained (or coordinated) by the transaction coordinator? <b>1</b> point   |

| 0   |                            |
|---|----------------------------|
| a) Dividing a transaction into multiple subtransactions   |                            |
| b) Termination of a transaction   |                            |
| c) Initialising a transaction   |                            |
| d) All of the above choices   |                            |
| No, the answer is incorrect.<br>Score: 0  |                            |
| Accepted Answers: d) All of the above choices   |                            |
| 9) Which of the following encryption schemes can be used to sign a message?   | 1 point                    |
| a) Private Key  |                            |
| b) Public Key   |                            |
| c) None of the Private and Public Key   |                            |
| d) Both Private as well as Public Key   |                            |
| No, the answer is incorrect.<br>Score: 0  |                            |
| Accepted Answers: b) Public Key   |                            |
| 10)Say we consider a symmetric cryptography based system is used by a group of for communicating with each other. Following are some of the conditions imposed on everyone communicates secretly with everyone else (i.e. 1 to all other K-1) b) the constitution of the decodable to anyone else other than the intended recipients. What is the required to fulfill the given conditions? | the system: a) mmunication |
| a) K(K-1)   |                            |
| b) K(K-1)/2   |                            |
| O c) 2K   |                            |
| O d) (K-1)2   |                            |
| No, the answer is incorrect.  |                            |
| Score: 0  |                            |
| Accepted Answers: b) K(K-1)/2   |                            |
| Previous Page   | End                        |