

Govt. Mahila Engineering College, Ajmer,

Department of Computer Engineering

Ist Midterm Exam Session 2017-18 Subject: Operating System Sem V CSE (B)
Time 1hr MM. 20

- Q1. What is Operating System. Explain Types of Operating System. 5
- Q2. Explain Process Life Cycle. 5
- Q3. What is Process Synchronization. Suggest solution to the synchronization problem using an example. 8
- Q4. Write short notes on (any one)
- a. Thread b. Kernel c. Race Condition 2

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- Q1. What is Deadlock? Explain essential condition for deadlock to occur. 5
- Q2. Explain Banker's Algorithm for deadlock avoidance with an example. 5
- Q3. Write short notes on Page replacement algorithm. 5
- Q4. Explain the following terms of memory management. 5
- a. Fragmentation b. Paging

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IInd Midterm Exam Session 2017-18 Subject: Cloud Computing Sem VII CSE (B)
Time 1hr

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| Q1. What is virtualization ? Differentiate between Server and Desktop virtualization. | MM. 20 |
| Q2. What are the security policies for Cloud Computing? | 5 |
| Q3. What is BCP (Business Continuity Planning)? Explain. | 5 |
| Q4. Write short notes on (any one) | 5 |
| a. VMware hypervisor b. KVM hypervisor c. Trust Management | 5 |

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Mercy /IIIrd Midterm Exam Session 2017-18 Subject: Cloud Computing Sem VII CSE (B)
Time 1hr

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| Q1. What is the various services provided by the Cloud Computing and what are its advantages? | MM. 20 |
| Q2. What are the broad approaches for migration into cloud computing? Explain | 5 |
| Q3. What is Google App? Explain architecture of the App. | 5 |
| OR Explain the Data analysis application of Cloud computing. | 5 |
| Q4. Write short notes on (any one) | 5 |
| a. IaaS b.SaaS c. Hadoop | 5 |

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VIII CSE (B)

Time 1 hr

MM-20

Attempt any 4 questions.

- Ques. 1. State the Difference between Full & Para Virtualization
- Q2. Explain architecture of Cloud Computing. Also discuss challenges and benefits of Cloud Computing
- Q3. State the difference between cloud & Grid Computing.
- Q4. Explain SAAS, PAAS, & IAAS services provided by Microsoft Azure
- Q5. Explain SAAS, PAAS and IAAS services provided by Amazon cloud.