Kasturba Institute of Technology

Mid Sem Exam (Oct 2020)

Subject : Cloud Computing   Time : **1 hr 30 mins**

Section 1 : Attempt any **Three**
1.   How does the cloud environment provide elasticity ?   (3)
2.   Differentiate between External Private cloud & Public Cloud ?   (3)
3.   What is the need of Virtualization in implementation of Cloud ?   (3)
4.   Is latency a barrier to cloud computing, support your answer with description.   (3)
5.   How does SAN help in implementation of Cloud.   (3)

Section 2 : Mandatory
1.   Virtualization
     a.   Is hypervisor needed in the implementation of virtualization, give 2 examples   (2)
     b.   Differentiate between Full Virtualization & Paravirtualization   (4)

Section 3: Attempt any **One**
1.   Explain the pros and cons for a company using Cloud solution Vs Traditional Data center.   (5)
2.   Write down the most suitable scenario in which a company will choose following Cloud models.   (5)
     a.   Hybrid Cloud
     b.   Community Cloud
     c.   Public Cloud
     d.   Private Internal Cloud
     e.   Private External Cloud

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