

Code No: 137BC

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, July - 2021

CLOUD COMPUTING  
(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions  
All Questions Carry Equal Marks

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- 2.a) List and explain the characteristics of grid computing.  
b) Compare and contrast the Bio computing and Mobile Computing. [7+8]
- 3.a) Explain the Need for Cloud Computing.  
b) List and explain the essential characteristics of cloud computing. [7+8]
- 4.a) Discuss the approaches for Cloud Migration.  
b) Explain the phases of migrating an application to the Cloud. [7+8]
5. Make a comparison between the IaaS, PasS, and SaaS. [15]
- 6.a) Explain the Microsoft Assessment and Planning Toolkit.  
b) Give a brief note on IBM Smart Cloud and SAP Labs [7+8]
- 7.a) What is meant by Parallel Computing? Also, mention its advantages and applications.  
b) List and explain the benefits of cloud computing. [7+8]
- 7.a) Discuss how to Manage the Cloud Infrastructure.  
b) Explain the role of service oriented architecture in cloud computing. [7+8]
8. Write a short note on the following:  
a) VMware,  
b) Manjra soft  
c) EMC. [5+5+5]

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