Code No: 137BC

**R16**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**
**B. Tech IV Year I Semester Examinations, October/November - 2020**
**CLOUD COMPUTING**
**(Common to CSE, IT)**

Time: 2 Hours                                                                 Max. Marks: 75

**Answer any Five Questions**
**All Questions Carry Equal Marks**
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1.a) What is cloud computing? What are the advantages and disadvantages of cloud computing?
  b) Define the terms: Distributed computing and parallel computing. Mention the differences between them.                                                                 [7+8]

2. Outline the similarities and differences between distributed computing, grid computing and cloud computing.                                                                 [15]

3. List out and discuss the essential characteristics of cloud computing.                 [15]

4. State and explain the principles of cloud computing.                                   [15]

5. How does cloud architecture overcome the difficulties faced by traditional architecture?
                                                                                          [15]

6. Explain the various approaches for Cloud Migration.                                    [15]

7. Describe in detail about various services provided and used by IaaS with example.[15]

8. Explain in detail about the virtualization Services Provided by SAP.                   [15]

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