JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year I Semester Examinations, February/March - 2022
CLOUD COMPUTING
(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. In detail, explain the following computing paradigms
   a) Mobile Computing
   b) Cluster Computing. [7+8]

2.a) Explain the need and features of cloud computing.
   b) Enumerate the differences between nano computing and optical computing. [8+7]

3.a) Explain cloud computing with perspective as a platform.
   b) Discuss about the four cloud deployment models. [7+8]

4.a) Explain the principles of cloud computing.
   b) Explain the service-platform-infrastructure (SPI) model of the cloud. [7+8]

5. With a neat diagram, explain the components in the anatomy of the cloud. [15]

6.a) Explain the different phases of cloud migration.
   b) Discuss about network connectivity in cloud computing. [8+7]

7.a) What is Software-as-a-Service (SaaS)? Explain the characteristics of SaaS.
   b) Explain the pros and cons of IaaS. [8+7]

8. Write Short notes on:
   a) SAP HANA Cloud Platform
   b) VMware. [7+8]

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