

Code No: 157AW**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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