

No Preview  
Available

Total No. of Question : [4]

Registration No. : 

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**Programme Name : Computer Science & Engineering(DS)**  
**Regular B.Tech.Final Year (A.Y.2023-24) ESE Sem. VII Nov.2023**  
**VII SEMESTER ( 2020 BATCH)**  
**201DSL402-Cloud Computing(TH)**

Duration : [ 02:00 PM - 04:00 PM ]

Date : 23 Nov, 2023

Day : Thursday

Marks : 50

**Instructions :**

(Q1) All Questions are compulsory. [20.0]

(1.1) Define distributed systems. Explain the types of distributed systems with neat diagram. [6.0]

CO :- 402.1, 402.2

Blooms Taxonomy :- Understand

(1.2) What is Remote Procedure call? Explain mutual exclusion in detail. [7.0]

CO :- 402.1, 402.2

Blooms Taxonomy :- Understand

(1.3) Define cloud computing. What are the types of deployment models? Explain the services provided by cloud. [7.0]

CO :- 402.1, 402.2

Blooms Taxonomy :- Understand

(Q2) All questions are compulsory. [10.0]

(2.1) Explain Virtualisation with its advantages and disadvantages. [4.0]

CO :- 402.2, 402.3, 402.4

Blooms Taxonomy :- Understand, Apply

(2.2) What do you understand by Full -Virtualisation and Paravirtualisation. [6.0]

CO :- 402.3, 402.4

Blooms Taxonomy :- Understand, Apply

**OR [ 2.2 / 2.3 ]**

(2.3) What are the types of Virtualisation? [6.0]

CO :- 402.4

Blooms Taxonomy :- Apply

(Q3) All Questions are compulsory.

[10.0]

(3.1) What is IaaS? Explain with a suitable example.

[3.0]

CO :- 402.2, 402.3

Blooms Taxonomy :- Understand

(3.2) Explain the following terms: Hypervisors, Virtual Machines. What are the components of backend in cloud computing? [7.0]

CO :- 402.2, 402.3, 402.4

Blooms Taxonomy :- Understand, Apply

**OR [ 3.2 / 3.3 ]**

(3.3) Explain SaaS and PaaS. Write a note on SOA.

[7.0]

CO :- 402.3

Blooms Taxonomy :- Understand

(Q4) Attempt any two out of three questions.

[10.0]

(4.1) Write a case study on Amazon EC2.

[5.0]

CO :- 402.5

Blooms Taxonomy :- Apply

(4.2) Write a case study on Microsoft Azure.

[5.0]

CO :- 402.5

Blooms Taxonomy :- Apply

(4.3) Write a case study on OpenStack.

[5.0]

CO :- 402.5

Blooms Taxonomy :- Apply

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