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RAN-2111000306020081

T. Y. B. Sc. (Computer Science) (Sem. - VI) Examination April - 2023

Computer Science : Paper - VI : 601

Cloud Computing Fundamentals

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृश्यावलोकन निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Computer Science) (Sem. - VI)

Name of the Subject :

Computer Science : Paper - VI : 601 Cloud Computing Fundamentals

Subject Code No.: 2111000306020081

Seat No.:

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Student's Signature

Q-1 Answer the following questions in short. (Any Seven)

[14]

1. What is the need of cloud technology?
2. Define "IaaS".
3. What are virtual clusters?.
4. Explain community cloud in brief.
5. State advantages of private cloud model in brief.
6. Discuss any two application examples of PaaS and their demerits.
7. What is service diversification in context of cloud technology?
8. Give example of any two cloud platforms and their applications.
9. What is the difference between private and public cloud?
10. What do you mean by thin client?

Q-2 **Answer the following in details.** **[12]**

1. Discuss the roles and responsibilities of cloud service provider.
2. Explain cloud computing infrastructure in detail.

OR

1. How does virtualization work in cloud computing?
2. What is public cloud? Explain its advantages and disadvantages.

Q. 3. **Write answers for the followings:** **[12]**

1. Write a detailed note on types of clouds.
2. Explain consumer expectations from cloud service provider.

OR

1. Write a detailed note on PaaS with its merits, demerits, characteristics and application.
2. Write detail note on cloud migration.

Q. 4. **Write answers for the followings:** **[12]**

1. What are the Security Risks of Cloud Computing? How they can be prevented.
2. Write detail notes on hybrid cloud.

OR

1. Write a note on importance of Data centre in cloud service.
 2. Write a note on - Role of data centre in cloud services.
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