03XI MITI CLC 2223

Instructions:

1. All the questions are compulsory.

2. Attempt Either A & B OR P & Q.

3. Draw appropriate figure wherever necessary.

Q1. Answer in brief.   **(15 Marks)**

    A. Describe cloud services requirements and applications of cloud computing.   7M

    B. How virtualization employed in Azure   8M

OR

    P. Explain Fault tolerance and cloud Ecosystem   7M

    Q. What are the essential characteristic of Platform as a Service   8M
       (PasS) model? .

Q2. Answer in brief.   **(15 Marks)**

    A. Compare Cloud Delivery Models and explain how different cloud delivery   7M
       models can be combined. •

    B. Classify Different Amazon Structured Storage Solutions.   8M

OR

    P. Discuss security challenges present in myTrendek application.   7M

    Q. List and Explain Cloud Characteristics   8M

Q3. Answer in brief.   **(15 Marks)**

    A. How Auto-scaling is done in DTGOV's physical servers ?   7M

    B. How resource cluster can be helpful in cloud computing ? what are the common   8M
       types of resource cluster ?

OR

    P. How will you Administer a cloud system remotely ?   7M

    Q. Write a short on how Hashing is different from Encryption ?.   8M

Q4. Answer in brief. (15 Marks)

A. Discuss and design a cloud computing architecture for protein structure prediction for an individual, how to scale the architecture if the this needs to be implemented for the entire community of people   Scalit   7M

B. The automotive industry relies heavily on constant availability of data. customers will be happier if they can search inventories and direct them to a location that does. With the cloud, automotive companies can store inventory and additional data in one easily-accessible location, design and discuss a possible architecture   8M

OR

P. Discuss about Satellite Image processing cloud application which is used in military applications, consideing the data required having high availability design an architecture for secure transition of data   7M

Q. Consider a multitenancy cloud application for retail ecommerce website is implementing a sale on festive season, propose a scalable and secure cloud computing architecture which can be used with consistent data flow   8M

Q5. Answer in brief. (15 Marks)

A. What is cloud deployment model considerations, discuss The SaaS-based cloud service is hosted by a multitenant   7M

B. State SLA Guidelines with cloud consumers prespective.   8M

OR

P. Explain the major cloud features of Google applications engine.   7M

Q. Explain the Quality of service QoS Characteristics which are generally stated in the Service qyality metrics.   8M

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