**Cloud Computing**

**December 2022 Examination**

# Q.1. Explaining the Work Load Architecture:

## Ans 1.

## Introduction:

Anything that includes hosting services through the internet is called "cloud computing" in general. A cloud may be either public or private. Any person with access to the internet can purchase services from a public cloud. Cloud innovation is a customized network or data center that offers a platform as a service to a small team of users with certain accessibility and civil liberties settings. Cloud computing uses simple, scalable accessibility to computer sources and IT services, whether public or personal.

Cloud computing enables client devices to attach to remote physical servers, databases, and

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## Q.2. Cloud scalability and Cloud elasticity

## Ans 2.

## Introduction:

Cloud elasticity should be deemed a fine-grained method of dynamically distributing resources to the existing infrastructure in response to brief changes in demand. Beyond, Cloud scalability requires resource augmentation to a much more consistent degree to accommodate static workload increases.

Elasticity's goal is to stabilize the designated resources with the actual amount of resources required at any provided minute. Scalability handles an application's changing needs within the restrictions of the infrastructure by statically raising or lowering resources to satisfy an

# Q.3a) Multitenancy issues of virtualization

## Ans 3a.

## Introduction:

Cloud computing (CC) is a computational paradigm that uses consumers' pay-per-use services from a pool of networked computer sources that are available as needed. Consequently, customers do not need to bother about framework or storage.

# Q.3b) Serverless Computing

## Ans 3b.

## Introduction:

Virtual networks, cloud computing, and containers are just a few examples of current IT advancement that has eliminated the requirement for designers to worry too much about the physical server their code is working on. Since a service provider will take care of every little thing for each other, customers don't require to recognize every little thing about the