



PBD-P3040

Seat No. _____

M. C. A. (Sem. III) (CBCS) Examination

November / December - 2018

P-3040 : Cloud Computing

(New Course)

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (a) Objective Type Questions : 4
- (1) _____ full form of P2P architecture.
 - (2) Give full form of SAN.
 - (3) Grid Computing is also known as Distributed Computing. [true or false]
 - (4) Without Internet we can implement Cloud Computing. [true or false]
- (b) Answer the following : (any **one**) 2
- (1) Definition: Cloud Computing.
 - (2) What is Server Virtualization?
- (c) Attempt the following : (any **one**) 3
- (1) Explain Cloud Computing Layers.
 - (2) Explain features of Cloud Computing.
- (d) Answer in brief : (any **one**) 5
- (1) Explain Advantages of Cloud Computing.
 - (2) Write a note on Service Model in Cloud Computing.
- 2 (a) Objective Type Questions : 4
- (1) _____ cloud computing delivery model offers an environment for building applications that will run from the customer's environment.
 - (2) Full form of DaaS.

- (3) Amazon Web Services (AWS) is an example of _____ Cloud Computing Services.
- (4) Programming language execution environment is an example of _____ Cloud Computing Services.
- (b) Answer in brief : (any **one**) **2**
- (1) List out the SaaS examples.
- (2) What is IaaS?
- (c) Answer in detail : (any **one**) **3**
- (1) Explain DaaS in detail.
- (2) Write a note on Security as Service in cloud.
- (d) Answer the following : (any **one**) **5**
- (1) Explain PaaS in detail.
- (2) Explain Specialized Cloud Computing Services in detail.
- 3** (a) Objective Type Questions : **4**
- (1) SOA stands for _____
- (2) Give full form CSB.
- (3) Hybrid Cloud is a network topology. [true or false]
- (4) Give full form of SOAP.
- (b) Answer the following : (any **one**) **2**
- (1) Definition: Cloud Services Brokerage.
- (2) Explain Self Service features in cloud.
- (c) Answer in detail : (any **one**) **3**
- (1) Differentiate : Cloud Application Vs Traditional Application
- (2) Explain Cloud performance-monitoring and tuning

- (d) Answer in brief : (any one) 5
- (1) Explain fundamental requirements of Cloud.
 - (2) Write a note on cloud data base performance.
- 4 (a) Objective Type Questions : 4
- (1) TCO stands for _____.
 - (2) Give full form of DoS.
 - (3) A _____ cloud is a cloud computing architecture that allows customers to share computing resources in a public or private cloud.
 - (4) Network connectivity issues is an example of _____ in cloud computing.
- (b) Answer in brief : (any one) 2
- (1) Definition : Chargeback model's direct cost.
 - (2) What is Vendor lock-in?
- (c) Answer in detail : (any one) 3
- (1) Explain Risk management and assessment of cloud computing in detail.
 - (2) Explain risk of physical infrastructure in detail.
- (d) Answer the following : (any one) 5
- (1) Explain malware and internet attack risk.
 - (2) How to maintain strategic flexibility in a cloud?
- 5 (a) Objective Type Questions : 4
- (1) Physical or Geographic location of an organization's data is known as _____.
 - (2) Validity and Accuracy of data is known as _____ in terms of data protection in Cloud Computing.

- (3) _____ is the process of moving data, applications or other business elements to a cloud computing environment.
- (4) _____ is the process of copying data from one network location to another.

- (b) Answer in brief : (any **one**) **2**
- (1) Definition : Data Redundancy.
- (2) What is Data Recovery?
- (c) Answer in detail : (any **one**) **3**
- (1) Explain Data Confidentiality and Encryption in detail.
- (2) Explain Cloud firewall and Virtual firewall.
- (d) Answer the following : (any **one**) **5**
- (1) Write a note on Cloud Storage Gateways.
- (2) Explain Cloud Application Software Life-Cycle.
