**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, November 2022**

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|  | **2BT3170** | Roll No. | Total Printed Pages: 1 |
| **2BT3170** |  |
| B Tech. II Year III- Semester (Main/Back) End Semester Examination, November 2022  **(CC)** | |
| **BCEECE3114 : Cloud Migration & Deployment** | | | |

# Max. Time: **3** Hours. Max. Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | Explain Cloud Deployment Models with example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How we can develop Amazon Machine Images (AMIS). | **(6)** | **Understand** |
|  |  | **OR** |  |  |
| **Q.2** | **(a)** | Differences among different Cloud Deployment Models for example. | **(6)** | **Analyze** |
|  |  |  |  |  |
|  | **(b)** | Writ short not on Instances Backed by Storage Types. | **(6)** | **Understand** |
|  |  | **UNIT-II (CO2)** |  |  |
| **Q.3** | **(a)** | Difference between Auto scaling Instances and Deploying Scalable Application. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Writ short not on Application Resources and Cloud formation. | **(6)** | **Analyze** |
|  |  | **OR** |  |  |
| **Q.4** | **(a)** | Explain S3 Cloud with an example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How we can Creating a Web Server Using S3. | **(6)** | **Apply** |
|  |  | **UNIT-III (CO3)** |  |  |
| **Q.5** | **(a)** | You are the administrator. What would you do for security in your plan to migrate your cloud? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Explain with example :  (1) S3 (2) Object | **(6)** | **Apply** |
|  |  | **OR** |  |  |
| **Q.6** | **(a)** | You are an administrator. While migrating the cloud, how will you migrate it so that its cost is reduced? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What parameters should we use for security while migrating a service to the cloud? | **(6)** | **Understand** |
|  |  | **UNIT-IV (CO4)** |  |  |
| **Q.7** | **(a)** | Explain migration to the cloud by giving an example of a large-scale security service. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How do you handle any service failures within cloud migration? | **(6)** | **Remember** |
|  |  | **OR** |  |  |
| **Q.8** | **(a)** | What are the risks involved when a cloud service is migrated to a large scale? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How is dynamic and static migration useful in cloud environment? | **(6)** | **Apply** |
|  |  | **UNIT V (CO5)** |  |  |
| **Q.9** | **(a)** | Explain the Availability Zones with example. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | What is ENI and how is it used in Cloud Computing? | **(6)** | **Understand** |
|  |  | **OR** |  |  |
| **Q.10** | **(a)** | What is Customer Gateway For VPN, and how can it be changed at runtime? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | How to create a Private Subnets inside Hyper-v and configure it? | **(6)** | **Apply** |