**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, November 2022**

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|  | **3BT5220** | Roll No. | Total Printed Pages: 2 |
| **3BT5220** |  |
| B Tech. III Year V-Semester (Main/Back) End Semester Examination, November 2022  **(CC)** | |
| **BCC05102 : Installation and Configuration of Server** | | | |

# 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 Server Core Capabilities. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Explain Windows Server Migration Tool with an example. (Any four) | **(6)** | **Understand** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | How are Shifts from Core to GUI in Windows Server? | **(6)** | **Analyze** |
|  |  |  |  |  |
|  | **(b)** | Explain with an example:  1. Server role 2. Deploying Roles | **(6)** | **Understand** |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | You are the administrator of the server. How will you plan the storage for your server? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | What is the meaning of server storage and what are its benefits? | **(6)** | **Analyze** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.4** | **(a)** | Explain RAID-5 with an example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How many types of RAID are there? Explain with an example. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | You are an administrator within an organization. While configuring the File server, how should its storage be planned? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | How permission is given while sharing a folder in any network? | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.6** | **(a)** | You are an administrator and how will you implement the Permission architecture at the time of your server installation? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | Under what conditions should a super user get resource ownership on the server? | **(6)** | **Understand** |
|  |  |  |  |  |
|  |  | **UNIT-IV (CO4)** |  |  |
|  |  |  |  |  |
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| **Q.7** | **(a)** | You are an administrator. How is the printer architecture useful to you for working with multiple printers? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | You are an administrator. You will also create a printer group for your server group. How will he make it? | **(6)** | **Remember** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.8** | **(a)** | You are the administrator of a company. What is the utility of Windows PowerShell according to you? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Why gateway is customized by the administrator on any server? | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **UNIT V (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | Explain the architecture of virtualization. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | What is Hyper-v and how is it used in Windows Server? | **(6)** | **Understand** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | What is virtual disk format, and how can it be changed at runtime? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | How to create a virtual machine inside Hyper-v and configure it? | **(6)** | **Apply** |