

GUJARAT TECHNOLOGICAL UNIVERSITY**BVOC – SEMESTER IV– EXAMINATION – WINTER 2021****Subject Code: 1140203****Date: 03/01/2022****Subject Name: Windows Configuration and Server Administration****Time: 02:30 PM to 04:30 PM****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

| | | Marks |
|------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Q.1 | (a) Explain FolderBrowserDialog, OpenFileDialog and FontDialog in detail. | 05 |
| | (b) Create a user feedback form for online shopping mart which includes user_name, email and feedback with all necessary validations. | 05 |
| Q.2 | (a) Write a short note on DNS. | 05 |
| | (b) Write the steps to configure DHCP Client. | 05 |
| OR | | |
| | (b) State the steps for backup and recovery of Active Directory. | 05 |
| Q.3 | (a) Draw and explain working of OSI Model in brief. | 05 |
| | (b) Explain various types of volumes. | 05 |
| OR | | |
| Q.3 | (a) Draw the layered architecture of TCP/IP model and write at least two services provided by each layer of the model. | 05 |
| | (b) Explain working of routers with suitable diagram. | 05 |
| Q.4 | (a) Explain conversion of MBR disk into a GPT disk. | 05 |
| | (b) Draw a hybrid topology with a star backbone connecting three bus backbones. Each bus backbone connects four ring networks. | 05 |
| OR | | |
| Q.4 | (a) Discuss the relationship between the class of the network and the number of hosts allowed. | 05 |
| | (b) Explain pros and cons of Paragon Partition Manager and Gparted. | 05 |
| Q.5 | (a) Explain Windows Application Deployment method with the help of an example. | 05 |
| | (b) Explain following objects of ADO.NET: SqlConnection, SqlDataAdapter, SqlCommand. | 05 |
| OR | | |
| Q.5 | (a) How managed providers are supported in ADO.NET.? | 05 |
| | (b) Explain any five Data Bound Controls in brief. | 05 |
