

**NETTUR TECHNICAL TRAINING FOUNDATION**  
**DIPLOMA IN COMPUTER ENGINEERING & IT INFRASTRUCTURE – CP08**  
**IV SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JULY 2023**

**Subject: Windows Server Administration &  
Linux Server Administration**

**Subject Code: CP08408T**

**Total Time: 2 Hr.**

**Total Marks: 50**

**PART B**

**1.0 ANSWER ANY EIGHT OF THE FOLLOWING**

**2\*8=16**

- 1.1 What is networking?
- 1.2 Explain Schema Master
- 1.3 How to join a user in a group?
- 1.4 In DHCP, what is lease?
- 1.5 Write down the features of internet information service
- 1.6 What is VPN?
- 1.7 What is booting process?
- 1.8 What is the significance of network interface?
- 1.9 What are the text processing tools?
- 1.10 List out the features of Linux

**2.0 ANSWER ANY SIX OF THE FOLLOWING**

**3\*6=18**

- 2.1 Write the difference between Domain and Workgroup model
- 2.2 List out the features of active directory
- 2.3 Write down the difference between local, roaming and mandatory user profiles.
- 2.4 In Windows Server, explain FTP
- 2.5 List out the different command for disk management in LINUX.
- 2.6 What is file ownership and group ownership in Linux?
- 2.7 Explain BASH shell? How to use it? Give Example
- 2.8 Give the difference between EXT2 and EXT3 file system

**3.0 ANSWER ANY FOUR OF THE FOLLOWING**

**4\*4=16**

- 3.1 List out the roles available in FSMO, Explain in Detail.
- 3.2 Explain the working of RAID level 0, 1, 5
- 3.3 Explain the different features of file systems in LINUX
- 3.4 Explain about Virtual Machine
- 3.5 What is DORA Process? Explain.
- 3.6 In windows server, explain Microsoft Exchange Server

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**IV SEMESTER SUPPLEMENTARY EXAMINATION- JULY 2023**

**Subject: OOPS with C++**  
**Subject Code: CP080403**

**Time: 2 Hr.**  
**Marks: 50**

**PART B**

**1.0 ANSWER ANY EIGHT OF THE FOLLOWING**

**2\*8=16**

- 1.1 Explain dynamic binding
- 1.2 Explain the working of get() and put() functions with syntax in file stream
- 1.3 Define encapsulation
- 1.4 How a procedure oriented program is different from object oriented program?
- 1.5 How parameterized constructor can be created?
- 1.6 Explain multi-level inheritance
- 1.7 Explain nesting of member function
- 1.8 List out the operator cannot be overloaded
- 1.9 List out different error handling functions with respect to file in C++
- 1.10 What are the different file modes?

**2.0 ANSWER ANY SIX OF THE FOLLOWING**

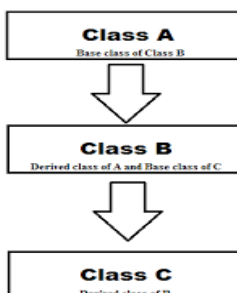
**3\*6=18**

- 2.1 What are the differences between const and volatile qualifier?
- 2.2 Write a short note about different stream classes in C++
- 2.3 Write rules of overloading an operator
- 2.4 Define Base class and derived class
- 2.5 What are the two ways to define a member function?
- 2.6 Explain seekg(), seekp(), tellg(), tellp()
- 2.7 Explain the read() and write() functions associated with files in CPP with example
- 2.8 Write a C++ program to implement pointer to an objects

**3.0 ANSWER ANY FOUR OF THE FOLLOWING**

**4\*4=16**

- 3.1 Identify and explain the type of inheritance in the figure



**-PTO-**

- 3.2 Explain constructor in detail with an example program
- 3.3 Explain overriding with an example program
- 3.4 Explain Virtual function and pure virtual functions in C++
- 3.5 Write a program to implement calculator using template
- 3.6 Explain the difference between friend class and friend function with an example program



