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 **Total Time: 2 Hr.**
Subject Code: CP08408T **Total Marks: 50**

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING **2*8=16**

1.1 What is Protocol? Explain.
1.2 Explain RID Master
1.3 What is user Right Assignment?
1.4 In DHCP, what is lease?
1.5 What is Basic Disk & Dynamic Disk?
1.6 List out the roles of Mail Server
1.7 What is booting process?
1.8 Explain the login procedure in LINUX
1.9 List out different partition types in LINUX
1.10 Define process priority

2.0 ANSWER ANY SIX OF THE FOLLOWING **3*6=18**

2.1 List the Minimum Hardware requirements for installing Windows Server 2008
2.2 List out the features of active directory
2.3 Write down the difference between local, roaming and mandatory user profiles.
2.4 Explain the procedure to configure FTP server
2.5 List out Red Hat Distributions
2.6 What is file ownership and group ownership in Linux?
2.7 In DFS, what is replication?
2.8 Give the difference between EXT2 and EXT3 file system

3.0 ANSWER ANY FOUR OF THE FOLLOWING **4*4=16**

3.1 Write down the steps to install ADDS
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 the various Text Analyzing tools in Linux
3.5 What is DORA Process? Explain.
3.6 In Windows server, explain DHCP?

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DIPLOMA IN COMPUTER ENGINEERING & IT INFRASTRUCTURE – CP08

IV SEMESTER SUPPLEMENTARY EXAMINATION- JULY 2023

Subject: OOPS with C++ **Time: 2 Hr.**

Subject Code: CP080403 **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?

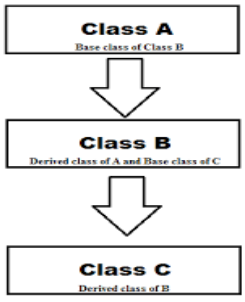
2.6 Explain seekg(), seekp(), tellg(), tellp()

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



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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