

**NETTUR TECHNICAL TRAINING FOUNDATION**  
**DIPLOMA IN COMPUTER ENGINEERING & IT INFRASTRUCTURE –CP08**  
**V SEMESTER SUPPLEMENTARY EXAMINATION-JUNE 2023**

**Subject: Cloud Computing**  
**Subject Code: CP08515T**

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

**PART B**

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

- 1.1 What is meant by Pay-as-you-go?
- 1.2 What is XaaS ? Give example
- 1.3 What is Cloud migration?
- 1.4 What is CAPEX and OPEX?
- 1.5 What is Auto scaling group?
- 1.6 What is Apache?
- 1.7 What is VM import/export?
- 1.8 List out different computer security threats.
- 1.9 What is latency?
- 1.10 What is internetworking?

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

- 2.1 What is client - server architecture?
- 2.2 Explain auto scaling in detail with neat sketch.
- 2.3 What is Private IP Addresses?
- 2.4 How to host static website using S3 bucket?
- 2.5 Differentiate Git and GitHub.
- 2.6 What are the challenges in cloud-migration?
- 2.7 What are the different AWS Database types?
- 2.8 What is public and private subnet in VPC?

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

- 3.1 What are the different types of Cloud deployment models?
- 3.2 What are the security features available in AWS to protect the network?
- 3.3 What is instance? List out the different types of instance family.
- 3.4 Define 6R's. Explain the 6R's in migration strategy.
- 3.5 Explain 7-step migration model with neat sketch.
- 3.6 List out the classification of data structure and explain the same.

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

**Total Time: 2 Hr.**

**Subject Code: CP08510T**

**Total Marks: 50 marks**

**PART B**

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

- 1.1 Write the differences between server and client system
- 1.2 Write a short note on IP Addressing
- 1.3 Define Software Deployment
- 1.4 In DHCP, what is lease?
- 1.5 Explain forward lookup zone
- 1.6 What is Basic Disk & Dynamic Disk?
- 1.7 List out the roles of Mail Server
- 1.8 Explain finger and whoami command
- 1.9 How to set permission for file or Directory in Linux?
- 1.10 What is booting process?

**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 What is User profiles? Write down the types of it?
- 2.4 What is User Right Assignment, User Privilege Rights, User Logon rights?
- 2.5 In Windows Server, explain FTP?
- 2.6 Give the difference between EXT2 and EXT3 file system
- 2.7 List out Red Hat Distributions
- 2.8 Explain BASH shell? How to use it? Give Example

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

- 3.1 Write down the steps to install ADDS
- 3.2 How many minimum partition required to install Linux OS? Explain its purpose
- 3.3 Explain the procedure to configure DHCP Server
- 3.4 Explain about Virtual Machine
- 3.5 Explain working of RAID level 0,1,5
- 3.6 What are the different levels of run levels in LINUX? Explain

