PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF ENGINEERING
END TERM EXAMINATION - JUN 2023

Semester : Semester VI - 2020
Course Code : CSE2053
Course Name : Sem VI - CSE2053 - Enterprise Network Design
Program : ISE,IST,ISB&ISI

Date : 12-JUN-2023
Time : 9.30AM - 12.30PM
Max Marks : 100
Weightage : 50%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.
(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS   **(10 X 2 = 20M)**

1. What sections are included in a typical final design document?

(CO1) [Knowledge]

2. What is the Campus Core layer's role?

(CO2) [Knowledge]

3. Which Queuing Mechanism Is Recommended for Most VoIP Designs?

(CO3) [Knowledge]

4. What are some typical organizational goals?

(CO1) [Knowledge]

5. Which Signalling Method Is Used Between PSTN Switches?

(CO3) [Knowledge]

6. What is the use of SDN Building Blocks?

(CO4) [Knowledge]

7. What are Some Differences Between PBX And A PSTN Switch?

(CO3) [Knowledge]

8. List out the Key components of OpenStack.

(CO4) [Knowledge]

9. Flow table modification messages can have different types. What are they?

(CO4) [Knowledge]

10. What is the difference between the 80/20 rule and the 20/80 rule?

(CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS (5 X 10 = 50M)

11. How to Select Enterprise Edge Components.explain in detail.

(CO3) [Comprehension]

12. Explain in detail about the SDN Building Blocks.

(CO5) [Comprehension]

13. The network lifecycle approach provides many benefits. What are they? Explain in detail.

(CO1) [Comprehension]

14. Explain in detail about the Cisco WAE appliance with than example.

(CO2) [Comprehension]

15. Briefly describes the Wan Transport Technologies in detail.

(CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS (2 X 15 = 30M)

16. 7 Routing Protocol And Its Features. Explain with neat representation

(CO3) [Application]

17. ABC company wants to create the four networks for the company and hosts for the each networks are 20, 30,16 ,45 and the company used the IP address is 200.10.10.0/24 , find the network address , hosts address and subnet mask using VLSM.

(CO3) [Application]