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**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF ENGINEERING
MID TERM EXAMINATION - APR 2023**

Semester : Semester IV - 2021

Course Code : CSE2053

Course Name : Sem IV - CSE2053 - Enterprise Network Design

Program : ISD,ISE,IST

Date : 13-APR-2023

Time : 11:30AM - 1:00PM

Max Marks : 50

Weightage : 25%

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

(5 X 2 = 10M)

1. Expand and Explain PPDIOO. (CO1) [Knowledge]
2. What features are included in the Cisco vision of an intelligent network? (CO1) [Knowledge]
3. List some determinants of the scope of a design project (CO1) [Knowledge]
4. Which layer in the hierarchical model provides media translation? (CO2) [Knowledge]
5. What are the six major functional areas in the Cisco Enterprise Architecture? (CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(5 X 4 = 20M)

6. Describe the three phases of evolving to an intelligent information network (CO1) [Comprehension]
7. Briefly explain the organizational Goal, Constraint and Technical Goals and Constraints with example. (CO1) [Comprehension]
8. Describe in detail about the Design Methodology in the working environment. (CO1) [Comprehension]

9. How can the Server Farm module be involved in an organization's internal security?
(CO2) [Comprehension]
10. What are the most important network requirements for client–Enterprise Edge application communication? Explain.
(CO2) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

(2 X 10 = 20M)

11. Describe the three layers of the SONA framework.
(CO1) [Application]
12. Describe how the Enterprise Data Center has evolved to a service-centric model from a server-centric model.
(CO2) [Application]