

Core CSE:

Q1. List out different OOPS principles and explain ? (10 marks)

Q2. List out Layers of TCP/IP Model and explain ? (10 marks)

Q3. Construct a binary tree by using postorder and inorder sequences given below.

Inorder: N, M, P, O, Q

Postorder: N, P, Q, O, M (10 marks)

Note: You would need to explain all the steps.

Q5. Explain LRU cache and its implementation by taking some examples and explaining all steps. (5 marks)

Q6. Explain virtual memory. (5 marks)

Q7. Explain Deadlock and its characteristics. (5 marks)

Q8. Explain NAT and ARP protocol ? (5 marks)