

Computer Network

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Assignment-1

Fill the Blanks

- ① Network
- ② PDIOO
- ③ Prepare, Plan, Design, Implement, Operation & Optimize (PPIDOO)
- ④ Core layer
- ⑤ Network Availability

Short Answer

⑥ The steps followed are:-

- ① Verify the business goals and technical requirements
- ② Determine the features and functions req. to meet the needs identified in ①
- ③ Perform a network-readiness assessment
- ④ Create a SOW and site acceptance test plan
- ⑤ Create a project plan

2(i) Outline

(i) Draw out the network topology

(ii) Keep a register of the H/W

(iii) Calculate the H/W

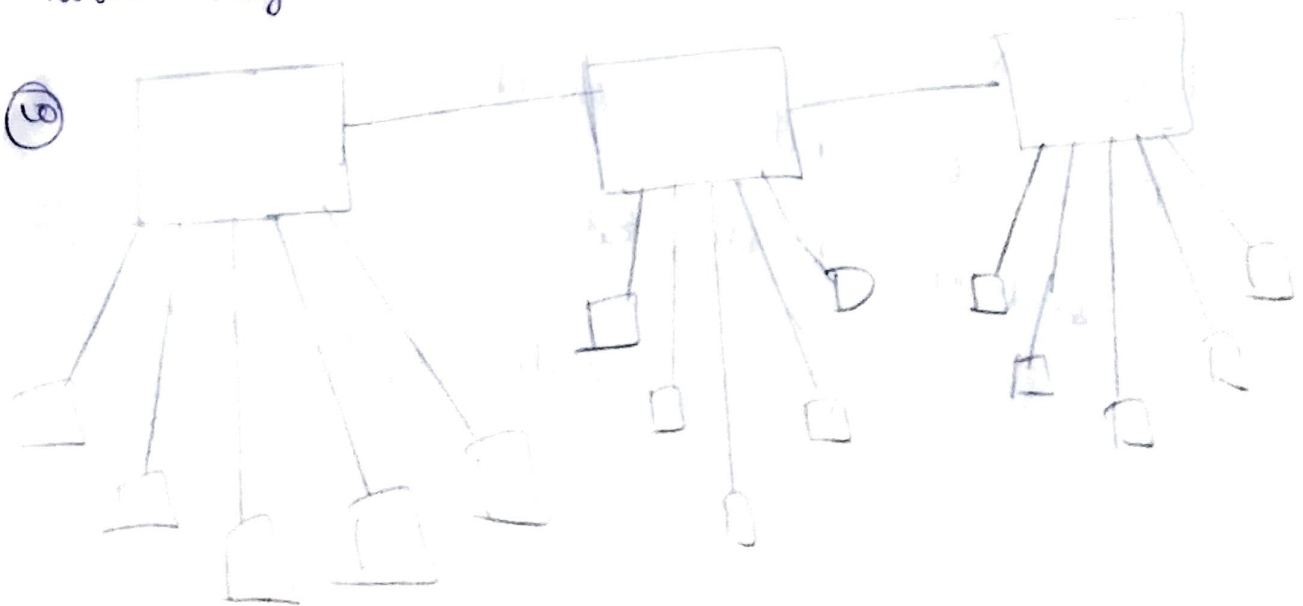
(iv) Keep a record of the coffee

(v) The benefits of PDIOO cycle

→ lowering the total cost of network ownership

→ increasing network availability

(vi) Top-down approach: it is a methodology for designing network that begins at the upper layer of the OSI reference model before moving to the lower layers.



Long Q's

- ⑪ → Application drives the design req:-
- ① The network is the structure that facilitates the application without understanding the underlying the application characteristics
- ⑩ Network design requires experienced experienced ~~per~~ personal:-
→ The network design engineer req. broad broad.
- ⑨ Networks are designed in a lab rather than on paper
- ⑧ Don't try to mirror the corporate structure
- ⑦ render independence
- ⑥ keep it single
- ⑤ Design every network on its
- ④ Avoid the bleeding Edge
- ③ Design requires a small capable team