



NARSIMHA REDDY ENGINEERING COLLEGE

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NETWORK MANAGEMENT SYSTEMS AND OPERATIONS (23CY702)

Worksheet

Multiple Choice Questions

UNIT-I

The Network Management Challenge

1. Network management primarily deals with:
 - A) Software development
 - B) Monitoring and controlling network resources
 - C) Database design
 - D) Web programming
 - Answer: B**
2. The Internet is an example of a:
 - A) Centralized network
 - B) Distributed network
 - C) Single-user network
 - D) Standalone system
 - Answer: B**
3. Internal policies in network management are defined by:
 - A) Government agencies
 - B) Network administrators
 - C) ISPs
 - D) Vendors
 - Answer: B**
4. External policies are mainly influenced by:
 - A) Organizational requirements
 - B) Regulatory authorities
 - C) Employees
 - D) Users
 - Answer: B**
5. Gartner Model is associated with:
 - A) Network security only
 - B) Network management maturity
 - C) Database management
 - D) Programming

- **Answer: B**
- 6. Automation in network management helps to:
 - A) Increase manual work
 - B) Reduce operational errors
 - C) Increase downtime
 - D) Remove networking devices
 - **Answer: B**
- 7. Which device forwards packets between networks?
 - A) Switch
 - B) Hub
 - C) Router
 - D) Repeater
 - **Answer: C**
- 8. VLAN stands for:
 - A) Virtual Local Area Network
 - B) Variable LAN
 - C) Virtual Link Access Node
 - D) Visual LAN
 - **Answer: A**
- 9. A wireless LAN typically uses:
 - A) Access Point
 - B) Router only
 - C) Firewall only
 - D) DNS Server
 - **Answer: A**
- 10. DSLAM is used in:
 - A) Ethernet Networks
 - B) DSL Systems
 - C) Wireless Networks
 - D) Satellite Networks
 - **Answer: B**
- 11. Firewall is used for:
 - A) Data storage
 - B) Security enforcement
 - C) Routing
 - D) DNS resolution
 - **Answer: B**
- 12. DNS stands for:
 - A) Domain Name System
 - B) Data Network Service
 - C) Dynamic Node Service
 - D) Distributed Naming Structure
 - **Answer: A**
- 13. DHCP is responsible for:
 - A) Security
 - B) Routing

- C) Dynamic IP allocation
 - D) Encryption
 - **Answer: C**
14. HTTP Load Balancer distributes:
- A) Network faults
 - B) User traffic among servers
 - C) IP addresses
 - D) Security keys
 - **Answer: B**
15. Network Element Management refers to:
- A) Managing individual devices
 - B) Managing software code
 - C) Managing databases
 - D) Managing employees
 - **Answer: A**
16. Distributed systems provide:
- A) Single point of failure
 - B) Scalability and flexibility
 - C) Reduced performance
 - D) No communication
 - **Answer: B**
17. A cable modem system is used for:
- A) Fiber communication
 - B) Internet access through cable TV infrastructure
 - C) Satellite communication
 - D) Wireless communication
 - **Answer: B**
18. The state of network management is affected by:
- A) Technology evolution
 - B) User requirements
 - C) Network complexity
 - D) All of the above
 - **Answer: D**
19. Which server translates domain names into IP addresses?
- A) DHCP
 - B) DNS
 - C) FTP
 - D) SMTP
 - **Answer: B**
20. CSU/DSU is commonly used in:
- A) Wireless LANs
 - B) Digital WAN circuits
 - C) Fiber optics only
 - D) Bluetooth networks
 - **Answer: B**