



NARSIMHA REDDY ENGINEERING COLLEGE

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NETWORK MANAGEMENT SYSTEMS AND OPERATIONS (23CY702)

Worksheet

Multiple Choice Questions

UNIT-IV

Security

1. Network security is:
 - A) A process
 - B) A one-time activity
 - C) Hardware only
 - D) Software only
 - Answer: A**
2. Risk assessment identifies:
 - A) Threats and vulnerabilities
 - B) User names
 - C) IP addresses
 - D) Routers
 - Answer: A**
3. Security policies define:
 - A) Security rules
 - B) Routing paths
 - C) Device types
 - D) Applications
 - Answer: A**
4. Acceptable Use Policy (AUP) specifies:
 - A) Proper resource usage
 - B) Routing methods
 - C) Device management
 - D) Traffic analysis
 - Answer: A**
5. Denial of Service attacks target:
 - A) Resource availability
 - B) Data storage
 - C) Routing
 - D) Authentication only
 - Answer: A**

6. Authentication verifies:
 - A) User identity
 - B) Device speed
 - C) Routing path
 - D) Traffic flow
 - **Answer: A**
7. Access control determines:
 - A) Permissions
 - B) IP addresses
 - C) Bandwidth
 - D) Traffic load
 - **Answer: A**
8. Firewall unification improves:
 - A) Security management
 - B) Congestion
 - C) Routing
 - D) Performance only
 - **Answer: A**
9. Audit trails record:
 - A) Security-related activities
 - B) User passwords
 - C) Router configurations
 - D) IP addresses
 - **Answer: A**
10. Security logging helps:
 - A) Incident investigation
 - B) Routing
 - C) Device installation
 - D) Traffic shaping
 - **Answer: A**
11. Key management deals with:
 - A) Cryptographic keys
 - B) User names
 - C) Routers
 - D) VLANs
 - **Answer: A**
12. Role-Based Access Control assigns permissions based on:
 - A) Roles
 - B) Passwords
 - C) Devices
 - D) Traffic
 - **Answer: A**
13. Wireless network security addresses:
 - A) Unauthorized access
 - B) Routing
 - C) Switching

- D) Cabling
- **Answer: A**
- 14. Security architecture focuses on:
 - A) Protection strategy
 - B) Device replacement
 - C) Routing tables
 - D) Traffic analysis
 - **Answer: A**
- 15. Perimeter security protects:
 - A) Network boundary
 - B) Individual files
 - C) Databases only
 - D) Applications only
 - **Answer: A**
- 16. Resource-based security protects:
 - A) Individual assets
 - B) Routers only
 - C) Switches only
 - D) Traffic only
 - **Answer: A**
- 17. Security terminology includes:
 - A) Threat
 - B) Vulnerability
 - C) Risk
 - D) All of the above
 - **Answer: D**
- 18. Security management goals include:
 - A) Confidentiality
 - B) Integrity
 - C) Availability
 - D) All of the above
 - **Answer: D**
- 19. User authentication is required before:
 - A) Accessing resources
 - B) Installing hardware
 - C) Monitoring traffic
 - D) Routing packets
 - **Answer: A**
- 20. Effective security requires:
 - A) Continuous management
 - B) One-time setup
 - C) No monitoring
 - D) No policies
 - **Answer: A**