PG-DITISS – Session 17 & 18

Performance Tuning, Maintenance & Security – 40 MCQs

Q1. Performance tuning mainly focuses on:

    A. Installing software
    B. Improving system speed
    C. Creating users
    D. Formatting disk

Q2. Which resource is commonly tuned for better performance?

    A. CPU
    B. Mouse
    C. Keyboard
    D. Monitor

Q3. Maintenance in Linux means:

    A. System shutdown
    B. Regular system checking
    C. User deletion
    D. Disk formatting

Q4. Troubleshooting is the process of:

    A. Installing OS
    B. Finding and fixing problems
    C. Creating backups
    D. Adding users

Q5. A threat is:

    A. A software update
    B. A possible danger to system
    C. A backup file
    D. A log entry

Q6. Malware is an example of:

    A. Maintenance
    B. Threat
    C. Performance tuning
    D. Logging

Q7. Basic service security is used to:

    A. Speed up internet
    B. Protect running services
    C. Increase disk size
    D. Print files

Q8. Logging means:

    A. Installing packages
    B. Recording system activities
    C. Removing users
    D. Formatting disk

Q9. NTP is used for:

A. File transfer
B. Time synchronization
C. User authentication
D. Disk partitioning

Q10. BIND is related to:

A. Web server
B. DNS server
C. Proxy server
D. File server

Q11. Performance tuning helps to:

A. Reduce users
B. Handle more load
C. Delete logs
D. Block network

Q12. Which affects system performance?

A. CPU
B. RAM
C. Disk I/O
D. All of the above

Q13. Maintenance includes:

A. Updates
B. Disk checks
C. Monitoring
D. All of the above

Q14. Logs are useful for:

A. Gaming
B. Troubleshooting
C. Formatting
D. User creation

Q15. Which file records system events?

A. Backup file
B. Log file
C. Image file
D. Media file

Q16. Threat modeling is used to:

A. Create threats
B. Identify threats and protections
C. Remove viruses
D. Install firewall

Q17. Unauthorized access is a:

A. Maintenance
B. Threat
C. Backup
D. Logging

Q18. Which is a protection method?

A. Firewall
B. Antivirus

C. Access control
D. All of the above

Q19. Service security recommends:

A. Enable all
B. Disable unused
C. Share passwords
D. Anonymous access

Q20. Logging helps in:

A. Performance
B. Security auditing
C. Troubleshooting
D. All of the above

Q21. Incorrect time affects:

A. Disk
B. Logs
C. CPU
D. Network

Q22. NTP ensures:

A. Disk usage
B. Same time
C. Fast boot
D. Graphics

Q23. DNS security protects against:

A. Cache poisoning
B. Spoofing
C. Unauthorized access
D. All

Q24. BIND is used for:

A. Web hosting
B. Name resolution
C. File sharing
D. Printing

Q25. Which service should be secured first?

A. Unused
B. Running
C. Stopped
D. Backup

Q26. Tuning without monitoring causes:

A. Better speed
B. Instability
C. Fast boot
D. No effect

Q27. Disk I/O issues affect:

A. Network
B. File access
C. Login

D. Time

Q28. After identifying issue, next step:

A. Ignore
B. Check logs
C. Reinstall
D. Delete users

Q29. Threat model helps to:

A. Predict failure
B. Plan security
C. Increase RAM
D. Format disk

Q30. Weak passwords lead to:

A. Hardware failure
B. Unauthorized access
C. Disk corruption
D. Delay

Q31. Service security reduces:

A. Speed
B. Attack surface
C. Disk
D. CPU

Q32. Logs should be protected because:

A. Games
B. Sensitive info
C. Media
D. Backups

Q33. NTP important because:

A. Blocks attacks
B. Correct log time
C. Encrypts
D. Filters

Q34. DNS cache poisoning targets:

A. Web
B. DNS
C. FTP
D. Mail

Q35. Secure DNS includes:

A. Restrict transfer
B. Logging
C. Access control
D. All

Q36. Maintenance helps to:

A. Increase errors
B. Prevent failures
C. Reduce security
D. Stop services

Q37. NOT a protection method:

    A. Firewall
    B. Antivirus
    C. Strong passwords
    D. Anonymous access

Q38. BIND security improves by:

    A. Public transfer
    B. Disable logging
    C. Restrict access
    D. Share config

Q39. Performance tuning is:

    A. One-time
    B. Continuous
    C. Backup
    D. Shutdown

Q40. Main goal of Session 17 & 18:

    A. Graphics
    B. Secure system
    C. Gaming
    D. Disk

Answer Key

Q1—B, Q2—A, Q3—B, Q4—B, Q5—B, Q6—B, Q7—B, Q8—B, Q9—B, Q10—B, Q11—B, Q12—D, Q13—D, Q14—B, Q15—B, Q16—B, Q17—B, Q18—D, Q19—B, Q20—D, Q21—B, Q22—B, Q23—D, Q24—B, Q25—B, Q26—B, Q27—B, Q28—B, Q29—B, Q30—B, Q31—B, Q32—B, Q33—B, Q34—B, Q35—D, Q36—B, Q37—D, Q38—C, Q39—B, Q40—B