Marking Guide – System Administration Mock Exam

1. 01. ipconfig configures IP on Linux?

Answer: False (F) – 'ipconfig' is for Windows; 'ifconfig' or 'ip' is for Linux.

1. 02. Firewalls prevent unauthorized network access?

Answer: True (T)

1. 03. BIOS loads the OS on boot?

Answer: True (T)

1. 04. Match tools to functions:  
   a. Task Manager – 2  
   b. Control Panel – 3  
   c. BIOS – 1

Answer: a-2, b-3, c-1

1. 05. Match extensions:  
   a. .exe – 2  
   b. .sh – 1  
   c. .log – 3

Answer: a-2, b-1, c-3

1. 06. Why user account management is important?

Answer: c. To ensure proper access control and system security

1. 07. Purpose of cron job?

Answer: b. To schedule and automate recurring tasks

1. 08. Purpose of firewall?

Answer: c. To control network traffic based on rules

1. 09. Why regular backup?

Answer: c. To ensure data recovery in case of failure

1. 10. Create new user in Linux?

Answer: B) useradd

1. 11. Schedule daily backup at midnight?

Answer: B) cron

1. 12. Windows command for network config?

Answer: C) ipconfig

1. 13. Set file permissions in Linux?

Answer: A) chmod

1. 14. IP is fine but no internet?

Answer: B) DNS misconfiguration

1. 15. Check high CPU usage in Linux?

Answer: B) top

1. 16. System instability after update?

Answer: C) Check logs and rollback

1. 17. Evaluate before deploying resource-heavy app?

Answer: C) Hardware compatibility

1. 18. Frequent unknown login attempts?

Answer: C) Block IP and audit logs

1. 19. Better backup for sensitive data?

Answer: B) The encrypted one to ensure confidentiality

1. 20. Best tool for monitoring Linux servers?

Answer: C) Nagios or Zabbix

1. 21. Secure way to assign limited access?

Answer: B) Create a specific group and set access via chmod/chown