

Linux Essentials Course - Mid-Term Exam

Instructor: Dr. Husam Alkinani

Date: November 2, 2025

Exam Sheet: A

Duration: 30 minutes

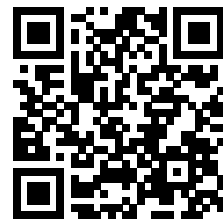
Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

Answer Key Access:

Scan QR code with mobile camera for secure answer verification
Private GitHub repository access



Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the complete output:

```
ls -l /etc/passwd
```

Command Output:

Write your answer here:

Explanation: Describe what information this command displays (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

In Linux file permissions, what does the notation "rwx" represent?

- a) read, write, execute
- b) root, web, extra
- c) run, wait, exit
- d) red, white, expert

Your Answer: _____

Justification (1 line): _____

Linux Essentials Course - Mid-Term Exam

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Exam Sheet: B

Duration: 30 minutes

Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

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Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the complete output:

whoami

Command Output:

Write your answer here:

Explanation: Describe the function and purpose of this command (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

Which Linux distribution is specifically designed for cybersecurity professionals and penetration testing?

- a) Windows Operating System
- b) Kali Linux
- c) Microsoft Office Suite
- d) Google Chrome Browser

Your Answer: _____

Justification (1 line): _____

Linux Essentials Course - Mid-Term Exam

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Exam Sheet: C

Duration: 30 minutes

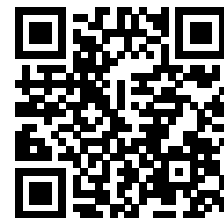
Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

Answer Key Access:

Scan QR code with mobile camera for secure answer verification
Private GitHub repository access



Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the complete output:

pwd

Command Output:

Write your answer here:

Explanation: Describe what information this command provides (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

What does the Linux command 'sudo' stand for?

- a) Super user do
- b) System update download only
- c) Secure user data online
- d) Start up disk operations

Your Answer: _____

Justification (1 line): _____

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Exam Sheet: D

Duration: 30 minutes

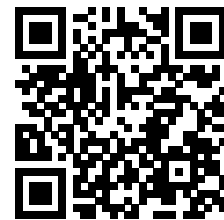
Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

Answer Key Access:

Scan QR code with mobile camera for secure answer verification
Private GitHub repository access



Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the complete output:

```
df -h
```

Command Output:

Write your answer here:

Explanation: Describe what information this command displays (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

What does the 'df -h' command display in Linux?

- a) Directory file listing
- b) Disk space usage in human-readable format
- c) Date and file information
- d) Default filesystem type

Your Answer: _____

Justification (1 line): _____

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Exam Sheet: E

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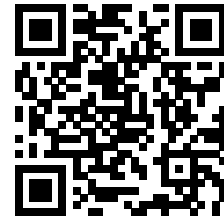
Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

Answer Key Access:

Scan QR code with mobile camera for secure answer verification
Private GitHub repository access



Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the output:

```
uname -a
```

Command Output:

Write your answer here:

Explanation: Describe what system information this command provides (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

What type of information does the 'uname -a' command display?

- a) User account names and passwords
- b) Complete system information including kernel version
- c) Network configuration details
- d) Disk usage and filesystem information

Your Answer: _____

Justification (1 line): _____

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Exam Sheet: F

Duration: 30 minutes

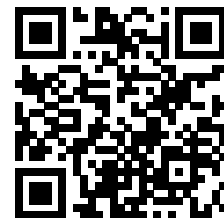
Student Name: _____

Student ID: _____

Instructions: Answer all questions clearly. Execute commands in your Linux terminal. Write legibly. **Total: 20 points**

Answer Key Access:

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Question 1: Practical Command Execution

(10 points)

Execute the following command in your Linux terminal and document the output:

top

Command Output:

Write your answer here:

Explanation: Describe what information the 'top' command displays (2-3 lines):

Question 2: Theoretical Knowledge

(10 points)

Multiple Choice Question:

What is the primary purpose of the 'top' command in Linux system administration?

- a) Display static file system information
- b) Monitor real-time system processes and resource usage
- c) Configure network interfaces
- d) Manage user accounts and permissions

Your Answer: _____

Justification (1 line): _____