

## Laboratorio di Amministrazione di Sistema (C62032)

parte A : domande a risposta multipla

1. Which popular web server software is only available for Windows operating systems?
  - a) Apache
  - b) Firefox
  - c) Internet Explorer
  - d) Internet Information Server
  - e) Netscape Server
  - f) Opera
2. What are two common uses of scripting languages? (Choose two.)
  - a) automate administrative tasks, such as cycling log files
  - b) provide user interaction with a compiled program
  - c) run scheduled tasks at user login
  - d) deliver files to remote users on request
  - e) download required drivers to printers
3. Which of the following is the most widely supported package type available in Linux?
  - a) RPMs
  - b) DPMs
  - c) tarballs
  - d) gzip
4. Which of the following is a list of common FTP commands?
  - a) get, put, cd, bye
  - b) download, upload, dir, chdir, exit
  - c) send, receive, dir, cd, exit
  - d) transfer [from | to], list, dir, exit
5. What is the purpose of a directory service?
  - a) It increases the need for redundant logins.
  - b) It provides administrators with centralized control of users and resources across the network.
  - c) It impairs network security and must therefore be used with a firewall.
  - d) It keeps track of the home addresses and phone numbers of all users.
6. Several computers on a network are running slow and many user tasks are timing out. The administrator checks the network and finds duplicate copies of program code in the active memory of each computer. Which of the following options best describes this self-replicating code?
  - a) virus
  - b) Trojan horse
  - c) worm
  - d) bug
7. Which three OSI model layers are used for packet filtering? (Choose three.)?
  - a) Layer 2
  - b) Layer 3
  - c) Layer 4
  - d) Layer 5
  - e) Layer 6
  - f) Layer 7
8. Which three of the following options are necessary to protect against the threat of viruses (Choose three.)?
  - a) Outgoing traffic should be filtered at all gateways.
  - b) Incoming traffic should be filtered at all gateways.
  - c) Current virus protection software should only be installed on incoming gateways.
  - d) One administrator should issue all virus warnings.
  - e) Policies should be created to control outgoing e-mail.
  - f) Virus protection software should be current on all computers.

NB: questo foglio verrà ritirato dopo 15 minuti dall'inizio dell'esame.

candidato: \_\_\_\_\_ matricola: \_\_\_\_\_

**SPAZIO PER LA VALUTAZIONE:** il candidato riporti su questo lato del foglio le soluzioni relative ai quesiti 1-8 a risposta multipla.

**Criteri di valutazione:** le domande 1-8 valgono un punto per ogni quesito corretto, mentre le domande 9-12 valgono sei punti ciascuna (al massimo, graduati in base alla correttezza della risposta),.

#	risposta/e						punti
1	a	b	c	d	e	f	
2	a	b	c	d	e	f	
3	a	b	c	d	e	f	
4	a	b	c	d	e	f	

#	risposta/e						punti
5	a	b	c	d	e	f	
6	a	b	c	d	e	f	
7	a	b	c	d	e	f	
8	a	b	c	d	e	f	

	valutazione parziale	punti
9		
10		
11		
12		

<p>TOTALE</p>
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## Laboratorio di Amministrazione di Sistema (C62032)

*parte B : domande a risposta breve*

9. Elencare e descrivere molto brevemente la sequenza di operazioni che normalmente si deve eseguire per assemblare un PC.

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10. Elencare e descrivere brevemente le cause dei più comuni attacchi informatici classificati come interni (inside threats) a cui è tipicamente soggetto un sistema informatizzato, e quali sono le più elementari tecniche di protezione adottate.

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11. Scrivere uno script per ambiente Linux che legga tre variabili intere immesse da tastiera (non da linea di comando) e ne visualizzi la maggiore.

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12. Descrivere che cos'è l'operazione di Backup, quali sono le possibili procedure da adottare e che caratteristiche possiedono. Proporre infine un tipico piano di backup.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.