

Selezione n. 2025N13:

N. 51 prove predisposte dalla Commissione per lo svolgimento del colloquio:

ELENCO 1

- a) Descrivi la funzione della CPU in un computer.
- b) Spiega cos'è e come funziona il protocollo DHCP in una rete.

English test 1: A more general solution is to have the receiver provide feedback to the sender. After passing a packet, the receiver sends a little dummy frame back. This frame gives the sender permission to transmit the next. This delay is a simple example of a flow control protocol.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 68)

ELENCO 2

- a) Cosa sono i driver di dispositivo in Windows?
- b) Descrivi il concetto di virtualizzazione nel cloud computing.

English test 2: The font-size property enables you to specify a size for the font. There are several ways to specify the size. An em is equivalent to the width of a letter m. Print designers often refer to text size in points, where a pixel roughly equates to a point.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 353)

ELENCO 3

- a) Descrivi la funzione di una GPU in un computer.
- b) Spiega la differenza tra firewall hardware e software.

English test 3: The continue statement supports an optional numeric argument, specifying how many levels of enclosing loops it should skip. The default value, 1, skips to the end of the current iteration and continues with the rest. This is useful for selectively skipping certain iterations based on conditions.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 438)

ELENCO 4

- a) Descrivi differenze e caratteristiche dei vari tipi di connettori USB e le versioni dello standard USB (es. USB 2.0, 3.0, ecc..).
- b) Spiega il concetto di indirizzo MAC.

English test 4: Two fibers have more capacity and weigh only 100 kg, reducing the need for expensive mechanical support systems. For new routes, fiber wins hands down due to its much lower installation cost. Finally, fibers do not leak light and are difficult to tap, offering good security against wiretappers.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 98)

ELENCO 5

- a) Descrivi la differenza tra HDD e SSD.
- b) Cosa si intende per "man-in-the-middle attack"?

English test 5: The receiver is equally simple. It waits for an undamaged frame. When it arrives, the procedure wait for event returns. The call to from physical layer removes the frame. Finally, the data portion is passed to the network layer, suspending itself until the next frame arrives.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 229)

ELENCO 6

a) Spiega la funzione della RAM in un computer.

b) Cosa si intende per "Network Address Translation" (NAT) e quali sono i suoi vantaggi?

English test 6: The checked attribute can be used to indicate which value should be selected when the page loads. The value of this attribute is checked. Only one radio button in a group should use this attribute. This provides a default selection for the user.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 345)

ELENCO 7

a) Descrivi il concetto di RAID e un suo utilizzo pratico.

b) Come funziona l'autenticazione a due fattori?

English test 7: Internet people prefer anarchy. However, with hundreds of millions of people, little communication occurs without standards. Thus, standards are sometimes needed. David Clark of M.I.T. famously remarked about Internet standardization consisting of "rough consensus and running code." This principle guides their pragmatic approach.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 74)

ELENCO 8

a) Descrivi differenze e possibili casi d'uso fra GPU integrate e dedicate.

b) Spiega la differenza tra hub, switch e router.

English test 8: When an element is inside a block level element, any text or other inline elements will flow around the image. When you give the align attribute a value of right, the image is placed on the right and the text flows around it.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 343)

ELENCO 9

a) Cosa è la scheda madre e quale ruolo svolge in un computer?

b) Cosa si intende per "Infrastructure as a Service" (IaaS) nel cloud computing?

English test 9: Welcome to Hypertext Preprocessor (PHP). PHP is a popular programming language used to create web pages, websites, and applications. A web page is a single page, while multiple pages are a website or web application. PHP powers sites like Facebook, Wikipedia, and WordPress.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 410)

ELENCO 10

a) Spiega quali sono le caratteristiche principali e i possibili utilizzi di un UPS.

b) Spiega il funzionamento di base di un firewall.

English test 10: Object-oriented programming (OOP) allows you to define classes, which are blueprints for creating objects. Classes can have attributes (properties) and methods (functions). OOP concepts like encapsulation, inheritance, and polymorphism help organize code, promote reusability, and manage complexity, making applications more modular and robust.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 463)

ELENCO 11

- a) Cosa si intende per "partizione" di un disco?
- b) Spiega il concetto di "subnet mask" nelle reti IP.

English test 11: The cellular telephone network is another example of a WAN that uses wireless technology. This system has already gone through five generations. The first generation was analog and for voice only. The fifth generation is also pure digital and much faster than the fourth, with lower delays as well.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 13)

ELENCO 12

- a) Cosa si intende con "DisplayPort Alt Mode" in riferimento allo standard USB-C e quali vantaggi comporta?
- b) Spiega il concetto di "disaster recovery" e perché è cruciale per le aziende.

English test 12: The `__invoke()` magic method allows an object to be treated as a function. When the object is called like a function, its primary action is invoked. This enables flexible and expressive object-oriented programming, letting you define custom behavior for function-like calls on objects.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 447)

ELENCO 13

- a) Cosa si intende per PDF/A e in quali ambiti viene utilizzato?
- b) Spiega il concetto di "load balancing" nelle reti.

English test 13: A Boolean is the simplest type available. It can have only one of two values: true or false. Booleans are used to check whether a condition is true or false, as in whether a variable has an intended value. Declaring Booleans is easy, with simple assignment statements.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 418)

ELENCO 14

- a) Cos'è e come funziona il WoL (Wake on Lan)?
- b) Descrivi il funzionamento di base di un antivirus.

English test 14: Differentiated Services offer quality of service without per-flow state. They require advance setup and can be vulnerable to router crashes. They also involve substantial changes to router code. As a consequence, while work continues on integrated services, few deployments exist yet.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 414)

ELENCO 15

- a) Cosa sono i \?

b) Spiega se è possibile installare due o più sistemi operativi differenti sullo stesso computer e in che modo.

English test 15: When linking to other pages within the same site, you can use relative URLs. These are like a shorthand version of absolute URLs because you do not need to specify the domain name. There are several helpful shortcuts you can use to write these links.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 340)

ELENCO 16

a) Cosa si intende per "BIOS" e qual è la sua funzione principale?

b) Cosa significa aggiornare il software e perché è importante per la sicurezza informatica?

English test 16: Throughout the book, we will use the term "computer network" to mean a collection of interconnected, autonomous computing devices. Two computers are said to be interconnected if they can exchange information. Interconnection can take place over a variety of transmission media including copper wire, fiber optic cable, and radio waves.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 11)

ELENCO 17

a) Cosa sono i file system e quali sono i più comuni in Windows e Linux?

b) Descrivi il funzionamento del protocollo HTTPS.

English test 17: The process involves classifying packets into priority classes. These are then passed through a traffic policer, like a token bucket, to determine their discard class (low, medium, high). The combination of priority and discard class is encoded in each packet. Routers then process packets using a scheduler like weighted fair queueing.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 423)

ELENCO 18

a) Cosa si intende per "virtualizzazione" nei sistemi operativi?

b) Descrivi il sistema che permette a più dispositivi di condividere un singolo indirizzo IP pubblico?

English test 18: Overprovisioning is an easy solution to provide good quality of service. It involves building a network with enough capacity for any traffic. The resulting network delivers application traffic without significant loss and with low latency. The telephone system is largely overprovisioned, meeting demand almost always.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 409)

ELENCO 19

a) Descrivi il funzionamento di base di un sistema di backup.

b) Spiega il concetto di "DNS spoofing".

English test 19: Slotted ALOHA was pulled out of the garbage can, mixed with new ideas, and became a solution. Protocols often fall into disuse for political reasons or changing technology. Years later, someone realizes a long-discarded protocol solves a current problem. This happens often with elegant, efficient protocols.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 276)

ELENCO 20

- a) Spiega la differenza tra IPv4 e IPv6.
- b) Descrivi caratteristiche e possibili utilizzi di una docking station.

English test 20: To create a paragraph, surround the words that make up the paragraph with an opening tag and closing tag. By default, a browser will show each paragraph on a new line with some space between it and any subsequent paragraphs. Text is easier to understand when split into units.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 334)

ELENCO 21

- a) Cosa si intende per "cache" in un computer e quali tipi esistono?
- b) Spiega il concetto di "VPN" (Virtual Private Network).

English test 21: A form may have several form controls, each gathering different information. The server needs to know which piece of inputted data corresponds with which form element. The name of each form control is sent to the server along with the value the user enters or selects. The server processes this.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 344)

ELENCO 22

- a) Quali sono le componenti principali di una scheda video?
- b) Descrivi il concetto di "phishing" e come proteggersi.

English test 22: Another problem with OSI is that functions like addressing, flow control, and error control reappear in each layer. Saltzer et al. (1984) pointed out error control must be done in the highest layer for effectiveness. Repeating it in lower layers is often unnecessary and inefficient.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 65)

ELENCO 23

- a) Spiega cos'è un benchmark e come si effettua.
- b) Spiega il concetto di "man-in-the-browser attack".

English test 23: The font-weight property allows you to create bold text. There are two common values: normal (text appears at a normal weight) and bold (text appears bold). In this example, an element whose class attribute has a value of credits has been bolded to emphasize its content.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 356)

ELENCO 24

- a) Cosa sono i "driver" e perché sono importanti?
- b) Descrivi il concetto di "containerizzazione" e le sue differenze con la virtualizzazione tradizionale.

English test 24: In the binary countdown protocol, a lower-numbered station may be starved from sending a packet. This occurs when higher-numbered stations repeatedly win the contention for the channel, preventing the lower-numbered station from ever acquiring it. Understanding such scenarios is crucial for protocol design.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 309)

ELENCO 25

- a) Quali sono le principali caratteristiche da considerare nella scelta di un monitor?
- b) Spiega il funzionamento del protocollo SSH.

English test 25: Chapter 8 covers network security, a topic relating to all layers, thus best treated after all layers are explained. It introduces cryptography and shows its use to secure communication, email, and the Web. The chapter ends discussing security, privacy, and social issues.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 31)

ELENCO 26

- a) Cosa si intende per "thread" in informatica?
- b) Cosa indica la "Categoria" in un cavo di rete LAN e quali sono le categorie attualmente in uso.

English test 26: The sender is in an infinite loop pumping data out onto the line as fast as possible. The loop consists of three actions: fetch a packet, construct an outbound frame, and send it. Only the info field of the frame is used by this protocol.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 229)

ELENCO 27

- a) Cosa sono le "porte" nelle reti di computer?
- b) Descrivi le soluzioni hardware dedicate a mantenere le temperature dei componenti al fine di evitare il surriscaldamento.

English test 27: Flooding is a robust routing algorithm. Even if large numbers of routers are destroyed, flooding will find a path if one exists, to get a packet to its destination. It requires little setup, as routers only need to know their neighbors. Flooding always chooses the shortest path.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 381)"

ELENCO 28

- a) Cosa si intende per "overclocking" di una CPU?
- b) Spiega il concetto di "data mining".

English test 28: The if control structure evaluated as true, we can execute the block of statements that immediately follow. If the evaluation produces false, we can add an optional else block to execute alternative statements. This allows conditional logic to flow through your program based on evaluated conditions.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 432)

ELENCO 29

- a) Che cos'è un print server e quale funzione svolge?
- b) Descrivi il funzionamento di base di un sistema di backup.

English test 29: Slotted ALOHA is notable for a reason that may not be initially obvious. It was devised in the 1970s, used in a few early experimental systems, then almost forgotten (except by eccentric textbook authors who liked it). When Internet access over the cable was invented, all of a sudden there was a problem of how to allocate a shared channel among multiple competing users. Slotted ALOHA was pulled out of the garbage can, mixed with some new ideas, and suddenly there was a solution.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 276)

ELENCO 30

- a) Cosa si intende per "latenza" nelle reti di computer?
- b) Che differenza c'è tra un client di posta e un server di posta? Fai un esempio per ciascuno.

English test 30: The first edition of this book appeared in 1980, when networks were an academic curiosity. By the third edition in 1996, the Internet had become a daily reality for millions. The sixth edition emphasizes high performance, with 5G cellular networks and 100-gigabit Ethernet becoming commonplace.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 7)

ELENCO 31

- a) Cosa si intende per "BIOS" e qual è la differenza con "UEFI"?
- b) Come si protegge una stampante di rete da accessi non autorizzati?

English test 31: The telephone system is an example of a WAN that uses wireless technology. It has gone through five generations. The first was analog voice only. The fifth is pure digital, much faster, with lower delays. Base stations cover kilometers, connected by wired backbones. Data rates are typically 100 Mbps.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 13)

ELENCO 32

- a) Cosa sono i "file di swap" in un sistema operativo?
- b) Quali sono i metodi per firmare digitalmente un file PDF?

English test 32: A function is a type of callable, meaning you can tell your program to execute it. User-defined functions can be defined anywhere in your code. They can take parameters of specified types and return a value of a specific type. This allows for modular and reusable code.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 122)

ELENCO 33

- a) Cos'è un spooler di stampa e cosa accade se si blocca?
- b) Spiega il concetto di "penetration testing" nella sicurezza informatica.

English test 33: The Internet connects content providers, access networks, enterprise networks, home networks, and many other networks to one another. We will look at the Internet in great detail later in this book.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 14)

ELENCO 34

- a) Quali sono le principali componenti hardware necessarie al funzionamento di un computer e qual è il loro ruolo?
- b) Descrivi il funzionamento di base di un sistema di bilanciamento del carico.

English test 34: The `<em>` element indicates emphasis that subtly changes the meaning of a sentence. By default, browsers will show the contents of an `<em>` element in italic. The `<strong>` element indicates strong importance. Its content might be said with strong emphasis. By default, browsers show `<strong>` content in bold.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 51)

ELENCO 35

a) Descrivi il funzionamento di una soluzione VoIP cloud-based come Zoom Phone o Microsoft Teams Phone e indica quali sono i principali vantaggi rispetto ai sistemi telefonici tradizionali.

b) Cos'è la CPU e cosa indica il termine "clock"?

English test 35: Data stored in variables can be of the following types: Integer (whole numbers), Boolean (true or false), Float (floating-point number), and String (letters and numbers). The data stored in a variable is called the value of the variable. Understanding these types is fundamental to PHP programming.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 411)

ELENCO 36

a) Cosa si intende per "overprovisioning" nello storage SSD?

b) Descrivi per cosa si utilizzano i protocolli POP3 e IMAP evidenziandone le differenze.

English test 36: Protocols in which the sender sends one frame and then waits for an acknowledgement before proceeding are called stop-and-wait. An example of this is a simplex stop-and-wait protocol. This kind of protocol also transmits data only in one direction. It requires a positive acknowledgement from the receiver.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 232)

ELENCO 37

a) Quali sono i possibili vantaggi e svantaggi di una rete cablata rispetto ad una rete wireless?

b) Descrivi il funzionamento del protocollo SMTP.

English test 37: The choice of seven layers was more political than technical, and two of the layers (session and presentation) are nearly empty, whereas two other ones (data link and network) are overfull. The OSI model is extraordinarily complex, difficult to implement, and inefficient in operation.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 64)

ELENCO 38

a) Cosa si intende per "buffer overflow" e come può essere prevenuto?

b) Come si protegge una rete Wi-Fi da accessi non autorizzati?

English test 38: Browsers are supposed to support at least one typeface from each generic group (serif, sans-serif, monospace, cursive, fantasy). For this reason, it is common to add the generic font name after your preferred choice of typefaces. Designers suggest pages usually look better with no more than three typefaces.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 269)

ELENCO 39

a) Cosa sono e per cosa possono essere utilizzate le "policy di gruppo" in Windows Server?

b) Quali sono i vantaggi dell'integrazione tra diversi software di Office Automation?

English test 39: A computer network is a collection of interconnected, autonomous computing devices. They can exchange information over various transmission media, including copper wire, fiber optic cable, and radio waves. Networks have evolved significantly, now emphasizing very high performance with technologies like 5G cellular networks and 100-gigabit Ethernet.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 11)

ELENCO 40

a) Quali software possono essere utilizzati per creare e modificare file PDF? Elencali riportando degli esempi.

b) Descrivi la differenza tra LAN e WAN

English test 40: The data link layer focuses on reliable, efficient communication of whole units of information, called frames, between two adjacent machines. This layer handles error detection and correction, ensuring that bits are delivered in the same order they were sent. Protocols in this layer deal with communication errors.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 206)

ELENCO 41

a) Cosa si intende per "hypervisor" nella virtualizzazione?

b) Cosa sono le "policy di password" e perché sono importanti?

English test 41: In the same period, wide area communication links went from 45 Mbps to 100 Gbps. This gain is similarly impressive, more than a factor of 2000, while at the same time the error rate went from 10^{-5} per bit to almost zero.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 97)

ELENCO 42

a) Quali applicazioni prevedono preferibilmente l'utilizzo di collegamenti in fibra ottica?

b) Cos'è e come si previene un attacco ransomware?

English test 42: Many link-layer communications protocols that we studied in Chap. 3 rely on a broadcast communication medium to transmit data. Any such protocol requires additional mechanisms to allow multiple senders to efficiently and fairly share the broadcast medium. This chapter introduces these protocols.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 267)

ELENCO 43

a) Cosa si intende per software open source e quali sono i possibili vantaggi e svantaggi del suo utilizzo?

b) Descrivi la funzione e i principali utilizzi del Firewall integrato in Microsoft Windows.

English test 43: The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, and M A Hossain Tonu, pag. 15: Cascading Style Sheets (CSS) is the language for defining the styles of web pages. It is possible to change color, font, and so on using CSS. While the HTML describes the structure of a web page, CSS describes what the page will look like on various devices and screen types.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 15)

ELENCO 44

- a) Cosa si intende per "virtualizzazione della rete"?
- b) Descrivi il concetto di "Internet of Things" (IoT) e una sua applicazione pratica.

English test 44: To become a Proposed Standard, the basic idea must be explained in an RFC and have sufficient interest. To advance to the Draft Standard stage, a working implementation must have been rigorously tested by at least two independent sites. If the IAB is convinced, it can declare the RFC an Internet Standard.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 74)

ELENCO 45

- a) Cosa sono le "Access Control List" (ACL) nei sistemi operativi?
- b) Quali sono le differenze tra backup incrementale e backup differenziale?

English test 45: The s element indicates something that is no longer accurate or relevant (but that should not be deleted). Visually, its content will usually be displayed with a line through the center. Older versions of HTML had a u element for underlined content, but this is being phased out.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 56)

ELENCO 46

- a) Descrivi possibili vantaggi, svantaggi, ambiti e sviluppi del passaggio da applicazioni desktop ad applicazioni mobile.
- b) Spiega il concetto di "zero trust security" e perché è importante.

English test 46: Fair queueing approximates an ideal byte-by-byte scheme. It does not preempt packets currently being transmitted. Because packets are sent in their entirety, it is only an approximation. However, it is a very good approximation, staying within one packet transmission of the ideal scheme at all times. Weighted Fair Queueing extends this by prioritizing flows.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 411)

ELENCO 47

- a) Cosa sono i "container orchestrator" e perché sono utili?
- b) Fornisci la definizione di cablaggio strutturato di una rete dati ed elenca i principali componenti necessari per una infrastruttura in un edificio composto da due piani.

English test 47: You can use either single or double quotes for strings. Variables inside double-quoted strings will be parsed, executing their value. Single quotes display content as is, without additional parsing. For this reason, single quotes are slightly faster, and it is recommended to use them for efficiency.

(The PHP Workshop, Alexandru Busuioc, David Carr, Markus Gray, Vijay Joshi, Mark McCollum, Bart McLeod, M A Hossain Tonu, pag. 413)

ELENCO 48

- a) Quali componenti hardware sono di particolare rilievo per una workstation grafica e come potrebbero essere dimensionate?
- b) Cosa si intende per "network segmentation" e perché è importante per la sicurezza?

English test 48: The Internet of Things, with billions of interconnected devices, is significantly changing computer networks. These devices generate massive amounts of data, requiring new network architectures

and protocols. Security, privacy, and energy efficiency are major concerns in this evolving landscape. Networks must adapt to support this diverse ecosystem.

(Computer Networks, Andrew S. Tanenbaum, Nick Feamster, David J. Wetherall, pag. 7)

ELENCO 49

a) Cosa si intende per topologia di rete?

b) Cosa è il Pannello di controllo in Windows e quali funzioni principali offre?

English test 49: The `s` element indicates something that is no longer accurate or relevant (but that should not be deleted). Visually, its content will usually be displayed with a line through the center. Older versions of HTML had a `u` element for underlined content, but this is being phased out.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 337)

ELENCO 50

a) Cosa si intende per "virtualizzazione del desktop" (VDI)?

b) Come si protegge una stampante di rete da accessi non autorizzati?

English test 50: To write good link text, think of words people might use when searching for the page you are linking to. For example, rather than `""places to stay""` use `""hotels in New York.""` This makes the link more specific and helpful for users.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 339)

ELENCO 51

a) Descrivi il concetto di "machine learning" e un suo utilizzo pratico nella sicurezza informatica.

b) Cosa si intende con "Thermal Throttling" in riferimento alle componenti hardware di un computer?

English test 51: The `font-weight` property allows you to create bold text. There are two common values: `normal` (text appears at a normal weight) and `bold` (text appears bold). In this example, an element whose `class` attribute has a value of `credits` has been bolded to emphasize its content.

(HTML & CSS Design and Build Websites, Jon Duckett, pag. 356)"