

## Busta 1

1. Decrivere le principali caratteristiche di un indirizzo IP
2. UPS e sala server: caratteristiche e funzionalità da analizzare
3. Descrivere le principali caratteristiche dei linguaggi di scripting in ambiente Windows (batch) e Linux (bash)

### **Read and translate**

What is a computer?

A computer is an electronic machine that processes information—in other words, an information processor: it takes in raw information (or data) at one end, stores it until it's ready to work on it, chews and crunches it for a bit, then spits out the results at the other end. All these processes have a name. Taking in information is called input, storing information is better known as memory (or storage), chewing information is also known as processing, and spitting out results is called output.

*89 words*

*Source: English for skills Vocational English for ICT, British Council*

## Busta 2

1. Decrivere le principali caratteristiche della subnet mask (maschera di sottorete)
2. Decrivere le principali caratteristiche e funzionalità di un firewall
3. Caratteristiche da analizzare in caso problemi di lentezza di accesso generalizzato ad un database server

### **Read and translate**

#### Internet

Global communication is easy now thanks to an intricately linked worldwide computer network that we call the Internet. In less than 20 years, the Internet has expanded to link up around 210 different nations. Even some of the world's poorest developing nations are now connected. Lots of people use the word "Internet" to mean going online. Actually, the "Internet" is nothing more than the basic computer network.

Think of it like the telephone network or the network of highways that criss-cross the world. Telephones and highways are networks, just like the Internet.

*92 words*

*Source: English for skills Vocational English for ICT, British Council*

## Busta 3

1. Decrivere le principali caratteristiche di un gateway
2. Decrivere le principali caratteristiche e funzionalità di un access point wi-fi
3. Come automatizzare le installazioni massive di software sui client della rete

### **Read and translate**

What is a computer programme?

The first computers were gigantic calculating machines and all they ever really did was “crunch numbers”: solve lengthy, difficult, or tedious mathematical problems. Today, computers work on a much wider variety of problems—but they are all still, essentially, calculations. Everything a computer does, from helping you to edit a photograph you’ve taken with a digital camera to displaying a web page, involves manipulating numbers in one way or another.

*75 words*

*Source: English for skills Vocational English for ICT, British Council*

## Busta 4

1. Decrivere le principali caratteristiche di una VPN (Virtual Private Network)
2. Decrivere le principali caratteristiche e funzionalità di uno switch
3. Descrivere le principali caratteristiche di Active Directory

### **Read and translate**

You probably know that the photo is made up of millions of individual pixels (coloured squares) arranged in a grid pattern. The computer stores each pixel as a number, so taking a digital photo is really like an instant, orderly exercise in painting by numbers! To flip a digital photo, the computer simply reverses the sequence of numbers so they run from right to left instead of left to right. 115 words

*70 words*

*Source: English for skills Vocational English for ICT, British Council*

## Busta 5

1. Decrivere le principali caratteristiche di PAT (Port Address Translation) e NAT (Network Address Translation)
2. Decrivere le principali caratteristiche e funzionalità di un NAS (Network Attached Storage)
3. Descrivere le principali modalità di controllo remoto di un server fisico

### **Read and translate**

Suppose you want to make a photograph brighter. All you have to do is slide the little “brightness” icon. The computer then works through all the pixels, increasing the brightness value for each one by, say, 10 percent to make the entire image brighter. So, once again, the problem boils down to numbers and calculations.

What makes a computer different from a calculator is that it can work all by itself. You just give it your instructions (called a program) and off it goes, performing a long and complex series of operations all by itself.

*95 words*

*Source: English for skills Vocational English for ICT, British Council*

## Busta 6

1. Descrivere le principali caratteristiche di una DMZ (Demilitarized Zone)
2. Descrivere le principali caratteristiche e funzionalità di un router
3. Descrivere cosa si intende per Disaster Recovery

### **Read and translate**

Back in the 1970s and 1980s, if you wanted a home computer to do almost anything at all, you had to write your own little program to do it. For example, before you could write a letter on a computer, you had to write a program that would read the letters you typed on the keyboard, store them in the memory, and display them on the screen. Writing the program usually took more time than doing whatever it was that you had originally wanted to do (writing the letter).

*89 words*

*Source: English for skills Vocational English for ICT, British Council*

## **Busta 7 – non estratta**

1. Descrivere le principali caratteristiche di una Wireless Lan
2. Descrivere le principali caratteristiche di un sistema RAID
3. Descrivere le principali caratteristiche di un servizio cloud (Saas, Paas, IaaS)

### **Read and translate**

How to install a computer: example resources

It is cheaper to install a computer by yourself than purchase a computer that is already built. The parts of the computer can be purchased from computer stores that sell used computer parts. Installing a computer by yourself is also advantageous as you will learn how the computer works and you can repair the computer by yourself if ever you have problems with it.

*71 words*

*Source: English for skills Vocational English for ICT, British Council*