



**CONCORSO PUBBLICO PER LA COPERTURA DI N. 4 POSTI NEL PROFILO PROFESSIONALE DI
SPECIALISTA INFORMATICO
(AREA DEI FUNZIONARI E DELL'ELEVATA QUALIFICAZIONE)**

DOMANDE BUSTA N. 1

INGLESE

1.	An embedded system is a microprocessor-based computer hardware system with software that is designed to perform a dedicated function, either as an independent system or as a part of a large system. At the core is an integrated circuit designed to carry out computation for real-time operations.
2.	Virtualization is technology that lets you create useful IT services using resources that are traditionally bound to hardware. It allows you to use a physical machine's full capacity by distributing its capabilities among many users or environments.
3.	A hard drive is the hardware component that stores all of your digital content. Your documents, pictures, music, videos, programs, application preferences, and operating system represent digital content stored on a hard drive.
4.	The two main categories of software are application software and system software. An application is software that fulfills a specific need or performs tasks. System software is designed to run a computer's hardware and provides a platform for applications to run on top of.
5.	Artificial intelligence is the intelligence of machines or software, as opposed to the intelligence of other living beings, primarily of humans. It is a field of study in computer science that develops and studies intelligent machines.
6.	Open-source software is released under licenses that grant users freedom to access, modify, and distribute the source code. Commercial software is often distributed under licenses that restrict access to the source code and require users to buy a license.
7.	Object-oriented programming is a programming paradigm based on the concept of objects, which can contain data and code: data in the form of fields (often known as attributes or properties), and code in the form of procedures (often known as methods).
8.	Network segmentation defines boundaries between network segments where assets within the group have a common function, risk or role within an organization. For instance, the perimeter gateway segments a company network from the Internet.
9.	The scalability of cloud storage is one of its main advantages. Users can quickly add or remove storage capacity as their needs change, and they can store as much data as they need. In order to guarantee that data is constantly accessible, cloud storage uses multiple copies of the data kept across various servers.
10.	A firewall is a network security device that monitors incoming and outgoing network traffic and decides whether to allow or block specific traffic based on a defined set of security rules. Firewalls have been a first line of defense in network security for over 25 years.



11.	In software engineering, a design pattern is a general repeatable solution to a commonly occurring problem in software design. A design pattern isn't a finished design that can be transformed directly into code.
12.	The user interface is the point of human-computer interaction and communication in a device. This can include display screens, keyboards, a mouse and the appearance of a desktop. It is also the way through which a user interacts with an application or a website.