

ENGL 154

Future developments / Viruses¹

Word	Meaning
Smart cards	A plastic card that has an embedded chip containing all the information about a person. For example, their blood type.
Robotics	The branch of technology that deals with the design, construction, operation, and application of robots.
Virtual reality	The computer-generated model of a 3D image or environment that can be interacted with in a seemingly real or physical way by a person using special electronic equipment, such as a helmet with a screen inside or gloves fitted with sensors.
Body chips	An invisible implanted chip inside the body and acts as a computer. For example, it could regulate blood pressure and heart rate.
Computer shopping	Shopping through scanning virtual markets on the computer. Shoppers click on whatever they want and the goods will be delivered shortly afterwards.
Electronic cash	Downloading money from your bank account to an electronic wallet, a smart card, using a specially designed phone equipped with a smart card reader. To download you enter your PIN and then you can pay for your goods and services. For example, to buy goods across the Internet.
Virus	A software which can infect your computer system and destroy your data.
Password	A series of characters that allows access to a computer, interface, or system.
Backup copy	A copy of a computer file or program kept in case the original is damaged or lost.

¹ List of definitions prepared by Mrs. Sofia Hashim, UoB

Exercise²

Provide the technical term for each definition below:

1. copied and archived computer data that may be used to restore the original after a data loss event.
2. a plastic card with a built-in microprocessor, used typically to perform financial transactions.
3. any of various systems of payment for purchases made on the Internet. Contemporary definitions for e-cash.
4. a copy of information held on a computer that is stored separately from the computer. The act of purchasing products or services over the Internet.
5. the branch of mechanical engineering, electrical engineering and computer science that deals with the design, construction, operation, and application of robots, as well as computer systems for their control, sensory feedback, and information processing.
6. money that is exchanged electronically over computer or telecommunications networks.
7. A pocket-sized card that has embedded integrated circuits.
8. a secret word or code, which a user must supply during a Login to authorise access to an account or a programme.
9. Small but insidious piece of programming-code that attacks computer and network systems through data.
10. A computer simulation of a real or imaginary system that enables a user to perform operations on the simulated system and shows the effects in real time
11. a realistic simulation of an environment, including three-dimensional graphics, by a computer system using interactive software and hardware.
12. a string of characters that allows access to a computer, interface, or system.
13. A small cell often made of silicon and glass designed for implantation in the human body to perform a certain function.
14. a piece of code which is capable of copying itself and typically has a detrimental effect, such as corrupting the system or destroying data.
15. To buy and sell products and services online.