VI. Fill in the gaps with the following words :
   Virus, scanner, spyware, antivirus, firewall, digital certificate, malware

   Malicious software, 1 ...., can be avoided by following some basic rules.
   Internet users who like cybershopping should get a 2 ...., an electronic
   identity card.
   To prevent crackers form breaking into your internal network install a 3....................
   It will protect you from 4 ....
   If you have been hit by a 5 .... download a clean-up utility and always use
   an 6 .... program, e.g., a virus 7 ....

VII. Banks offering Internet-based products should use two-factors authentication:

   The PIN that is 1 ....
   2 ...., which are microchip-based devices that generate a number the
   user has to type.
   The 3 .... authentication , e.g. fingerprint, to identify the user of the bank
   account.
   For some transactions, customers need to use TAN, which is 4 ....
   Banks that do not have physical branches are called 5 .... banks.
   The use of wireless networks to access banks is known as 6 .... banking.
   The banks send short message 7 .... to the customer´s e-mail or mobile
   phone.

VIII. Match the needs classified by Maslow to the following explanations:

   1. physiological needs   a. desire to achieve one´s goals
   2. security needs   b. sleep, food
   3. esteem needs   c. clothing, shelter, keep one´s job
   4. self-actualisation needs   d. belong to a group
   5. social needs   e. desire for power, status, self-confidence

IX. Say if the following statements are true or false:

1. According to Maslow people are not interested in achieving their personal goals
   in life if they have not satisfied their physiological needs.
2. Senior managers who want to become company directors have self-actualisation
   needs which they wish to satisfy.
3. Job security is one of the most important factors which motivates employees.
4. Managers do not have to pay great attention to job content.
5. Herzberg´s hygiene factors deal with the question why to work harder.
6. Hygiene factors are essential if workers are to be motivated.
7. Herzberg´s motivators deal with the question why to work here.
8. Herzberg´s motivators are challenging work, responsibility, achievement.
9. Enrichment programmes help to increase motivation.

I. Choose the correct ending for the sentence beginnings:

1. The CPU processes data and
2. The control unit is the part of the CPU that
3. ROM memory is permanent and
4. RAM memory is volatile and

a. performs logical operations
b. you cannot makes changes to it.
c. coordinates the other parts of PC.
d. makes calculations.
e. holds data only when the PC runs.
f. controls execution of instructions

II. Complete the missing word :

1. The BIOS stands for ....
2. The ROM stands for ....
3. Signals measuring and synchronizing the flow of data are sent out by ....
4. A bit is short for ....

III. Are the statements TRUE or FALSE?

1. The front side bus carries all data that passes from the CPU to other devices.
2. The word "protocol" refers to the shape of the network.
3. Routers are used to link two computers,
4. Access points do not need to be connected to a wired LAN.
5. Wireless adapters are necessary when you are using a WLAN.

IV. Complete the sentences with the right word from:

router, WLAN, peer-to-peer, hub, server, ring, backbones, nodes.

A powerful PC with a large hard disk that can be shared by everyone is a 1. ....

2. .... networking allows each user to share resources such as printers.

The star is a topology for a computer network in which one computer occupies the central part and the remaining 3. .... are linked only to it.

A device that forwards data packets and links a LAN to another network is 4. ....

V. Give a name for the following Internet crimes:

1. The illegal copying and distribution of copyrighted software.
2. Email fraud to obtain money / valuables.
3. Online harassment / abuse
4. Bank fraud to obtain passwords of Internet bank accounts
5. Self-copying programs that can move from one PC to another without human help.