The effects of using IT – 2023 ICT IGCSE 0417

1. March/2023/Paper_0417/12/No.8
   Many devices in the home can connect to the internet. These are called smart devices.

   Describe **four** benefits of using these smart devices.

   ....

   ....

   ....

   ....

   ....

   ....

   ....

   .... [4]

2. June/2023/Paper_0417/12/No.4
   A company uses an extranet.

   (a) Explain what is meant by an extranet.

   ....

   ....

   ....

   .... [2]

   (b) Describe the differences between the internet and an extranet.

   ....

   ....

   ....

   .... [2]

3.

State which health issue is most likely to occur from each description shown. Your answer must be different in each case.

(a) typing on a keyboard for long periods of time

.... [1]

(b) looking at a computer screen for a long time

.... [1]

(c) sitting with poor posture

.... [1]

4.

Identify **two** appropriate IT-related causes for each of the health issues. Your answers must be different in each case.

(a) repetitive strain injury (RSI)

1 ....

2 ....

[2]

(b) eye strain

1 ....

2 ....

[2]

5.

Microprocessor-controlled devices are used in the home.

Describe, with examples, how using these devices can affect the health and fitness of their users.

....

....

....

....

....

....

....

....

....

....

.... [6]

6.

The manager of the Tawara Hotel has decided to computerise the hotel's room booking system. The new booking system will allow customers to book rooms online using an app on their smartphones.

The manager has employed a systems analyst who will carry out research into the current system by examining existing documentation and completed questionnaires from staff.

(b) Following the analysis, the systems analyst will implement the new system using either parallel running or direct changeover.

Evaluate these different methods of implementation.

....

....

....

....

....

....

....

....

....

....

....

.... [6]