ASSIGNMENT ONE : COMPONENTS OF A COMPUTER SYSTEM

LEARNING OUTCOMES
Learners should know …
Computer components, i.e.:
• processors
• motherboards
• storage (i.e. hard drive, solid state, flash, internal, removable, SAS, SCSI, portable, Cloud)
• ports (i.e. USB, Firewire, SATA, Network, Fibre Channel)
• memory (i.e. RAM, ROM, cache)

Learners should know about the different types of computer hardware required for a variety of computer systems. This should lead into learners developing their understanding of their benefits, limitations and uses.

Learners should know about the component parts of a computer system and their characteristics. This should lead into learners developing their understanding of the purpose of each component.

Learners must be taught:
• expansion cards (i.e. sound, network, graphics, storage controller, fibre channel)
• power supplies
• characteristics
• purpose

TASK ONE
New staff will have to pass a test on their knowledge of different computer components
Your quiz needs to include at least 20 questions, an introduction and explanation of correct reposes
The quiz needs to be self-marking and provide feedback on incorrect answers
New staff will need to get 80% of the questions correct to pass
Plan a set of questions that will assess their knowledge and understanding of the uses and purposes of each of the components outlined in the Learning Outcomes

You should use a variety of question types including short answer, long answer, multiple choice etc

TASK TWO
Create your interactive quiz using an appropriate piece of software
Think about the order of the questions in your quiz, presentation, instructions and feedback

TASK THREE
Test your quiz by entering 10 responses
Remember to input a range of correct and incorrect answers
Make sure it gives the correct feedback if an incorrect answer is given
Check that can only pass the quiz if you get 80% of the questions correct