



MULTIPLE CHOICE | FREE RESPONSE QUESTIONS

## Information Technology Foundation Course

**D** EVELOPING AN INFORMATION SYSTEM 



World ORT Union





# DO



# I.T.



## Information Technology Foundation Course

### MULTIPLE CHOICE QUESTIONS



### DEVELOPING AN INFORMATION SYSTEM

Answer the questions by putting the chosen letter in the box on the answer sheet or by circling the correct letter.

- 1 Name three steps involved in developing an information system.

  - A. Specification, Design, and Testing
  - B. Programming, Design, and Testing
  - C. Analysis, System Design, and Implementation
  
- 2 How do you define 'Analysis' of an information system?

  - A. Analysis translates program code of a high level language to machine code
  - B. Analysis is the loading of programs that perform routines to control peripheral devices
  - C. This involves looking at a system and finding out how information is being handled
  
- 3 What areas need to be considered in the design process?

  - A. Only hardware and software
  - B. Inputs, outputs, file design, hardware, and software
  - C. Maintenance, reliability, and upgradeability
  
- 4 Implementation of a new system can be done in the following ways:

  - A. Design and testing of the system
  - B. Direct implementation and parallel running
  - C. Testing and analysing the system
  
- 5 What is Direct Implementation?

  - A. Users operate the manual system and computer system at the same time
  - B. Users operate the computer system from a given date
  - C. Users operate the manual system
  
- 6 What is parallel running?

  - A. The new system is introduced alongside the existing system
  - B. The new system is introduced and users start operating it
  - C. Users continue operating the old system

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## DEVELOPING AN INFORMATION SYSTEM

7. What documents are produced during the development of a system?
- A. Instructions and technical documentation
  - B. Log files and temporary files
  - C. User Guide and technical documentation
8. What are User Guides are used for?
- A. For technical support
  - B. To enable any printer to be connected to the network
  - C. User guides cover how to run the system, enter data, save, print, etc.
9. Why do specialists use Technical Documentation?
- A. To explain the way the system has been programmed
  - B. To explain how the system works and the technical requirements
  - C. To explain what to do in case of a failure
10. Technical documentation needs to be:
- A. Reviewed every five years
  - B. Fully up-to-date and accurate
  - C. Stored and forgotten

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### FREE RESPONSE QUESTIONS

These questions do not appear in the interactive DO IT course. If you want help to answer them you can use the navigation buttons to move to the relevant unit of the course. You may prefer to use the Contents listings. Write your answers on paper.



### DEVELOPING AN INFORMATION SYSTEM

- ① A company sells new and used cars, services and repairs them, and sells spare parts for cars. There are ten employees. The owner of the business is very old-fashioned and does not use computers. How would you go about developing an information system for the business?
- ② In the business above, what hardware input and output devices would be useful?
- ③ In the business above, where would you use:
  - a. a wordprocessor
  - b. a spreadsheet
  - c. a database
  - d. a desktop publisher ?