

# THE PUBLIC ACCOUNTANTS EXAMINATIONS BOARD

*A Committee of the Council of ICPAU*

## CPA (U) EXAMINATIONS

### LEVEL ONE

INFORMATION TECHNOLOGY – PAPER 5 (i)

**FRIDAY, 21 JUNE 2002**

#### INSTRUCTIONS TO CANDIDATES

1. Time allowed: **2 hours 30 minutes**.
2. Attempt all questions in Section **A** and any three questions from Section **B**.
3. Section A has ten compulsory multiple-choice questions each carrying 1½ marks.
4. Section B has **five** questions and only **three** questions are to be attempted. Each question carries 15 marks.
5. Please read further instructions on the answer book.

**SECTION A.**

**Question 1**

- (i) One reason why the access time of a hard disk is less than that of a floppy is because the hard disk is:
  - (a) Formatted differently
  - (b) Faster at spinning
  - (c) Easily partitioned
  - (d) Not portable
- (ii) Which of the following is an example of an “intelligent” peripheral?
  - (a) A printer
  - (b) A floppy
  - (c) Zip drive
  - (d) A mouse
- (iii) The following are examples of browsers except:
  - (a) Netscape navigator
  - (b) Explorer
  - (c) Mosaic
  - (d) Outlook express
- (iv) Which of the following devices has a sequential access mode?
  - (a) Magnetic diskette
  - (b) Magnetic tape
  - (c) ROM
  - (d) RAM
- (v) The capability for a word processing program to display a document on the screen exactly as it will look when printed is referred to as:
  - (a) WYSIWYG
  - (b) WORD WRAP
  - (c) LAY OUT
  - (d) FORMAT
- (vi) Which of these operations creates a duplicate electronic copy on the clipboard?
  - (a) Cut
  - (b) Copy
  - (c) Paste
  - (d) Save

- (vii) Which of the following is not a feature of a Graphical User Interface?
- (a) icons
  - (b) Drop Down menus
  - (c) Command prompts
  - (d) Command Buttons
- (viii) All these are examples of spreadsheet programs except one. Which is it?
- (a) Ms Excel
  - (b) Lotus 1-2-3
  - (c) Corel Quattro Pro
  - (d) Dbase IV
- (ix) From the following list choose the components of a computer system
- (i) Peripherals
  - (ii) Users
  - (iii) Software
  - (iv) Hardware
- (a) (i), (ii) and (iv).
  - (b) (ii), (iii) and (iv).
  - (c) (i), (iii) and (iv).
  - (d) (i), (ii) and (iii).
- (x) One feature of low level programming languages is that they are:
- (a) Portable
  - (b) Machine dependent
  - (c) Costly
  - (d) Machine independent

## SECTION B

### Question 2

Kamunye Dealers would like to automate their 20-year old business. You have been asked to advise on the computer system to adopt.

#### Required:

What considerations would you advise Kamunye Dealers to take into account in selecting the computer system to adopt?

**(15 marks)**

**Question 3**

- (a) What is a database management system?  
(3 marks)
  - (b) Explain the functions of a database management system?  
(12 marks)
- (Total 15 marks)**

**Question 4**

With the rapid increase in and the spread of PCs world wide, many organisations today are increasingly engaging in cyber-based business transactions.

**Required:**

Identify and explain any cyber related business security challenges for businesses today  
(15 marks)

**Question 5**

- (a) How relevant is a systems analyst in computer information systems development?  
(10 marks)
  - (b) Briefly explain the importance of iteration in an information systems development process.  
(5 marks)
- (Total 15 marks)**

**Question 6**

- (a) What is meant by the term spreadsheet?  
(3 marks)
  - (b) Explain the advantages enjoyed by using spreadsheets in processing business information.  
(6 marks)
  - (c) Discuss the main limitations of using a spreadsheet in business information processing.  
(6 marks)
- (Total 15 marks)**