

THE PUBLIC ACCOUNTANTS EXAMINATIONS BOARD

A Committee of the Council of ICPAU

ATC(U) EXAMINATIONS

LEVEL TWO

INFORMATION SYSTEMS – PAPER 8

THURSDAY, 14 DECEMBER 2006

INSTRUCTIONS TO CANDIDATES

1. Time allowed: **3** hours.
2. Attempt **all** questions in Section **A** and any **four** questions from Section **B**.
3. Section **A** has **twenty** compulsory multiple-choice questions, each carrying 1 mark.
4. Section **B** has **six** questions and only **four** questions are to be attempted. Each question carries 20 marks.
5. Please read further instructions on the answer book.

© 2006 Public Accountants Examinations Board

SECTION A**Question 1**

- (i) What name is given to the kind of computing where each party has the same capabilities and either party can initiate a communication session?
 - (a) Client server computing.
 - (b) Networked computing.
 - (c) Distributed computing.
 - (d) Peer to peer computing.
- (ii) Which of the following is the ability of Windows to have several applications and files open at the same time?
 - (a) Multiprocessing.
 - (b) Multiplexing.
 - (c) Multitasking.
 - (d) Multifiling.
- (iii) What is the keyboard shortcut for saving a file?
 - (a) Ctrl + v.
 - (b) Ctrl + x.
 - (c) Ctrl + s.
 - (d) Ctrl + z.
- (iv) Which of the following is not an application program?
 - (a) DOS.
 - (b) Excel.
 - (c) Adobe Premiere.
 - (d) Dream weaver.
- (v) What steps do you take to forward an e-mail message?
 - (a) Click **Reply to all**, and in the **To** box, type the name of the person you want to send the email to. Click **Send**.
 - (b) Click **Reply**, and in the **To** box, type the name of the person you want to send the email to. Click **Send**.
 - (c) Click **Forward**, and in the **To** box, type the name of the person you want to send the email to. Click **Forward**.
 - (d) Click **Forward**, and in the **To** box, type the name of the person you want to send the email to. Click **Send**.

- (vi) Which device produces hard copies of the soft copy documents?
- (a) Server.
 - (b) Scanner.
 - (c) Printer.
 - (d) Computer.
- (vii) Which of the following is **not** an advantage of deploying Fibre Optic Technology in data transmission?
- (a) Hard to tap.
 - (b) Easy to install.
 - (c) High data transmission.
 - (d) Quite costly.
- (viii) Which of the following statements do you agree with?
- a) Computers are faster than humans at mathematical calculations.
 - b) Humans have more reliable long-term memory than computers.
 - c) Computers can be programmed to write poetry.
 - d) Computers can diagnose and treat medical conditions better than doctors.
- (ix) Which of the following statements is true?
- (a) The **Drafts** folder of the e-mail application holds messages that have already been sent.
 - (b) Internet Explorer is a web browser.
 - (c) Microsoft Access application is used to create presentation slides.
 - (d) E-mail messages in the **Deleted Items** folder cannot be viewed on the computer.
- (x) To insert a Word ClipArt image in a document you:
- (a) Click on the location where you want to insert the image, choose Insert/Picture/ClipArt, select the image you want to insert and click OK.
 - (b) Choose Insert / Picture / ClipArt, use the ClipArt task pane to locate the image you want to insert, and then drag the image into your document.
 - (c) Click on the location where you want to insert the image, choose edit / paste special, select the image you want to insert, and click OK.
 - (d) Click on the location where you want to insert the image, choose table / insert, right click to select the image you want to insert, and click OK.

- (xi) What is parallel running in development of an information system?
 - (a) The new system is introduced and the users start operating it.
 - (b) Users continue operating the old system without disturbance as the new one is being prepared to start.
 - (c) The new system is introduced alongside the existing system.
 - (d) The existing system is withdrawn while the new one is starting.
- (xii) Which of the following refers to a program that is loaded onto a computer without the users knowledge, damages software or data files in some way and has the ability to replicate itself?
 - (a) Virus.
 - (b) Hacker.
 - (c) Symantec Anti-virus.
 - (d) Monitoring software.
- (xiii) Which of the following terms means verifying the identity of a user logging onto a network by use of passwords, digital certificates, smart cards and biometrics to prove the identity of the client to the network?
 - (a) Decryption.
 - (b) Authentication.
 - (c) Passwords.
 - (d) Backups.
- (xiv) Which of the following best describes the five main components of a computer?
 - (a) CPU, CD-ROM, mouse, keyboard, sound card Java.
 - (b) Memory, Video Card, Monitor, Software, Hardware.
 - (c) Modem, Keyboard, Word Processor, Printer, Screen
 - (d) CPU, memory, system bus, input, output
- (xv) Computer storage is measured in units called:
 - (a) Bits.
 - (b) Pixels.
 - (c) Bytes.
 - (d) Megahertz.
- (xvi) Two or more computers that are connected together by some means to provide users with such services as printer-sharing, file sharing and electronic mail is referred to as:
 - (a) Local area network.
 - (b) Computer network.
 - (c) Metropolitan area network.
 - (d) Virtual network.

- (xvii) The unique address of a web page that contains the name of the web server and implies the name of the web page is referred to as:
- (a) URL.
 - (b) E-mail Address.
 - (c) Worldwide Web.
 - (d) Search Engine.
- (xviii) What do we call a program that decodes instructions written in a higher order language and produces an assembly language program?
- (a) Worm.
 - (b) Software bug.
 - (c) Compiler.
 - (d) Virus.
- (xix) Which of the following is an e-mail feature?
- (a) Modem.
 - (b) Outlook.
 - (c) www.google.com.
 - (d) Spam.
- (xx) Which of the following statements is correct?
- (a) The internet is a network that connects computers over international boundaries.
 - (b) Software is the term that is used to describe the instructions that cause the computer systems to behave in a given way.
 - (c) A Worm is one of the computer utilities that may never replicate themselves.
 - (d) Data protection is the concept that information relating to individuals collected and used by organizations is not necessarily subject to any regulations.

SECTION B

Question 2

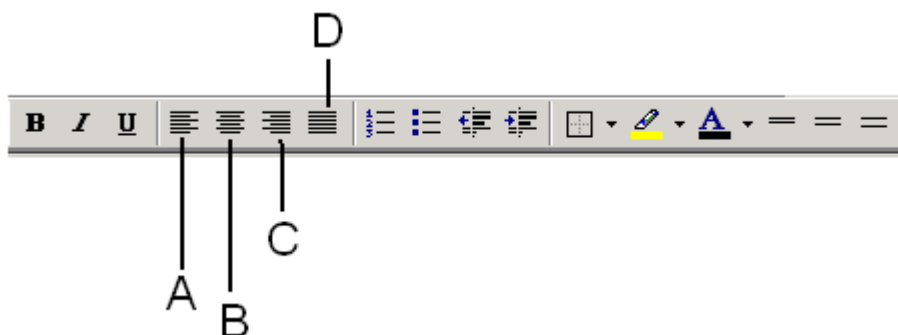
- (a) Define the following in relation to computer technology:
- (i) Folder.
 - (ii) Password.
 - (iii) Clipboard.
 - (iv) E-commerce.
 - (v) RAM.
 - (vi) Encryption.
- (12 marks)
- (b) Describe the **four** steps you take to change the default printer to any other printer that you have connected to your computer.
- (8 marks)
- (Total 20 marks)

Question 3

- (a) Distinguish between Project Integration Management and Project Time Management.
- (4 marks)
- (b) Define Contract Administration in relation to Project Management.
- (4 marks)
- (c) Mention any **three** inputs to Contract Administration.
- (6 marks)
- (d) Briefly explain any **three** tools and techniques for Contract Administration.
- (6 marks)
- (Total 20 marks)

Question 4

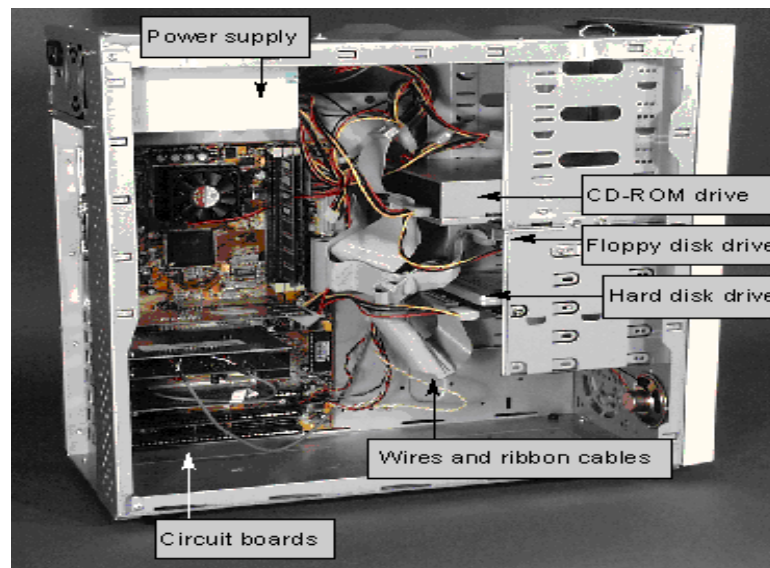
- (a) You have been chosen by your boss to purchase a new computer. What **five** factors should be considered when purchasing a computer system?
- (10marks)
- (b) Use the following formatting toolbar diagram to:



- (i) identify the parts labeled A, B, C, and D. (4 marks)
 - (ii) explain how each part is used in word processing. (4 marks)
 - (c) Distinguish between **cut- paste**, and **copy- paste**. (2 marks)
- (Total 20 marks)

Question 5

- (a) From the system unit diagram labeled below, give the function of the each of the named parts. (12 marks)



- (b) Distinguish between the following as far as computer technology, networks and data transfer are concerned:
 - (i) RAM and ROM
 - (ii) LAN and WAN.
 - (iii) Intranet and Extranet.
 - (iv) Data and Information.

(8 marks)
(Total 20 marks)

Question 6

- (a) What is a firewall?
(2 marks)
 - (b) Briefly describe the **five** basic types of firewalls.
(10 marks)
 - (c) Define the following network devices:
 - (i) Hub.
 - (ii) Switch.
 - (iii) Repeater.
 - (iv) Bridge.
(8 marks)
- (Total 20 marks)

Question 7

- (a) Outline the steps you go through to sending an attachment.
(4 marks)
 - (b) Distinguish between the email feature **cc** and **bcc**?
(4 marks)
 - (c) Which steps do you go through to **change the password** of your email?
(4 marks)
 - (d) Which steps do you go through to **add addresses** in your email?
(4 marks)
 - (e) What is an address book as a feature of an Email application?
(4 marks)
- (Total 20 marks)