



FINAL
Examination Paper

(COVER PAGE)

Session : April 2013

Programme : Diploma In Business (DIB)
Diploma In Mass Communication (DMCN)
Diploma In Information And Communication Technology (DICTN)

Course : ICT1100 : Principles Of Information Technology

Date of Examination : July 30, 2013

Time : 8:00am – 10:00am Reading Time: Nil

Duration : 2 Hours

Special Instructions :

Section A : Answer ALL Multiple Choice questions.

Section B : Answer any THREE (3) questions.

**IMPORTANT NOTE : THIS PAPER SHOULD NOT BE TAKEN OUT OF THE
EXAMINATION HALL**

Materials permitted : Nil

Materials provided : OMR sheets

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Moderator : Dr. Ahmad Suhaimi Baharudin

This paper consists of 5 printed pages, including the cover page.

INTI INTERNATIONAL COLLEGE SUBANG

DIPLOMA IN BUSINESS PROGRAMME (DIB)

DIPLOMA IN MASS COMMUNICATION PROGRAMME (DMCN)

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY PROGRAMME (DICTN)

ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY

FINAL EXAMINATION: APRIL 2013 SESSION

SECTION A

Instructions: This section consists of **TWENTY (20) questions**. Answer **ALL** questions in the OMR sheet provided. (40 marks)

- 1) Which of the following represents approximate 1000 bytes amount of data in computing?
 - (A) Kilo Byte (KB)
 - (B) Tera Byte (TB)
 - (C) Mega Bye (MB)
 - (D) Giga Byte (GB)
 - (E) Nano Byte (nB)

- 2) _____ refers to the free programs that allow users to use within a short period of time.
 - (A) Firmware
 - (B) Freeware
 - (C) Shareware
 - (D) System software
 - (E) Hardware

- 3) A _____ is a special window displayed by a program to provide information, present available options or request a response.
 - (A) title bar
 - (B) dialog box
 - (C) tool bar
 - (D) menu
 - (E) submenu

- 4) Floppy disk have a _____ to protect data from being erased accidentally during writing operations.
 - (A) write protect notch
 - (B) shell
 - (C) read protect notch
 - (D) magnetic coating
 - (E) shutter

- 5) Which of the followings is a type of volatile memory?
 - (A) ROM
 - (B) Flash memory
 - (C) CMOS
 - (D) SDRAM
 - (E) None of the above

- 6) The number system that has just two unique digits, 0 and 1, is called _____.
(A) digital analog system
(B) binary system
(C) analog system
(D) bite system
(E) decimal system
- 7) _____ performs mathematical calculation and logical comparison.
(A) Control Unit
(B) AUL
(C) ROM
(D) RAM
(E) ALU
- 8) A _____ usually consists of several circular disks on which data, instructions and information are stored magnetically.
(A) DVD-ROM
(B) CD-ROM
(C) hard disk
(D) DRAM
(E) zip disk
- 9) The _____ is the heart of the Operating System & control most of computer critical process
(A) Kennel
(B) Control Unit
(C) Core Unit
(D) Kernel
(E) ALU
- 10) _____ is a small image that display on the screen to represent a program or object.
(A) Icon
(B) Cursor
(C) Button
(D) Menu
(E) Pointer
- 11) The speed of an ink jet printer is measured by the number of _____ it can print.
(A) pages per second (pps)
(B) pages per minute (ppm)
(C) characters per second (cps)
(D) characters per minute (cpm)
(E) None of the above
- 12) Mobile computers, such as notebook computers and Tablet PCs, and mobile devices, such as PDAs and smart phones, have _____ screen.
(A) LCD
(B) DVD
(C) CRT
(D) CCTV
(E) VCD

- 13) Recovery disks are also known as _____.
- (A) kernels
 - (B) system disk
 - (C) hard disk
 - (D) boot disks
 - (E) boot drives
- 14) The followings are computer crimes, **EXCEPT** _____.
- (A) Script kiddie
 - (B) Cyberterrorist
 - (C) Craker
 - (D) Hacker
 - (E) None of the above
- 15) A disk with higher density has _____ storage capacity.
- (A) fewer bits in an area and thus a larger
 - (B) more bits in an area and thus a smaller
 - (C) fewer bits in an area and thus a smaller
 - (D) more bits in area and thus a larger
 - (E) None of the above
- 16) The vertical and horizontal elements of a spreadsheet are called _____.
- (A) Bars and cells
 - (B) Table and cells
 - (C) Cells and rows
 - (D) Bars and columns
 - (E) Columns and rows
- 17) The clock speed of a microprocessor is measured in _____.
- (A) Hertz
 - (B) Byte
 - (C) Bit
 - (D) Second
 - (E) None of the above
- 18) _____ typically resides on the ROM chip of a handheld computer and has limited hardware and software resources.
- (A) Embedded Operating System
 - (B) Network Operating System
 - (C) Stand-alone Operating System
 - (D) Internet Operating System
 - (E) Both (a) and (c)
- 19) A _____ terminal is used to record purchases at the point where the customer purchases a product.
- (A) point of sale (POS)
 - (B) dumb
 - (C) smart
 - (D) supermarket
 - (E) mega mall

- 20) A computer program that capable of duplicate itself on infected computer, consuming computer resources and send copies to other computers via network is called _____.
- (A) worm
 - (B) trojan horse
 - (C) virus
 - (D) anti-virus
 - (E) bacteria

SECTION B

Instructions: This section consists of **FOUR (4)** questions. Answer any **THREE (3)** questions in the answer booklet provided. All questions carry equal marks. (60 marks)

Question 1

- (a) Explain **FIVE (5)** reasons why computer was so powerful? (10 marks)
- (b) Briefly explain **FOUR (4)** categories of computers users. (10 marks)

Question 2

- (a) Explain **FIVE (5)** examples of application software. (10 marks)
- (b) Explain **FIVE (5)** types of utility programs. (10 marks)

Question 3

- (a) With the aid of diagram, explain the **FOUR (4)** processes in machine cycle. (10 marks)
- (b) Give **FIVE (5)** suggestions to prevent virus infection in computer system. (5 marks)
- (c) Briefly explain **TWO (2)** methods to prevent unauthorized access and use of computer. (5 marks)

Question 4

- (a) Explain **THREE (3)** factors that affect the quality of display unit. (9 marks)
- (b) Explain **THREE (3)** types of user interface in computer system. (9 marks)
- (c) Give **TWO (2)** disadvantages of magnetic tape. (2 marks)

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