

 **INTI International
University & Colleges**

FINAL
Examination Paper

(COVER PAGE)

Session : APRIL 2017

Programme : Diploma In Business (DIB)
Diploma In Information and Communication Technology (DICTN)
Diploma In Mass Communication (DMCN)
Diploma In Finance (DIF)

Course : ICT1100: Principles Of Information Technology

Date of Examination : 31 July, 2017 (Monday)

Time : 5:00pm – 7:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

SECTION A: Answer ALL multiple choice questions.

SECTION B: Answer any THREE (3) essay questions.

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

Materials permitted : Nil

Materials provided : OMR Sheets

Examiner(s) : Light Lau Teng Lye, Yogeswari

Moderator : Eric Sow Seah Kuan

This paper consists of 6 printed pages, including the cover page

DIPLOMA IN BUSINESS PROGRAMME (DIB)
DIPLOMA IN MASS COMMUNICATION (DMCN)
DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)
DIPLOMA IN FINANCE (DIF)
ICT1100: INFORMATION TECHNOLOGY PRINCIPLES
FINAL EXAMINATION: APRIL 2017 SESSION

Section A: (40marks)

Instruction: This section consists of **20 questions**. Answer **ALL** questions in the OMR sheet.

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)

2. A home user may use which of the following computer, _____.
 - A. Workstation
 - B. Mid-range
 - C. Mainframe
 - D. Desktop

3. Disk drives are held in _____ of the system unit.
 - A. ports
 - B. bus
 - C. drive bays
 - D. expansion slots

4. A multiprocessing operating system _____.
 - A. is capable of working on only one program at a time
 - B. allows a single computer to run only one operating system at a time
 - C. was the first type of operating system developed
 - D. allows a single computer to run two or more different operating systems

5. Which of the followings is a type of volatile memory?
- A. ROM
 - B. Flash memory
 - C. CMOS
 - D. DDRAM
6. _____ has no processing power. It can enter data, display data and transmit data to or from computer to which connected.
- A. Post terminal
 - B. Smart terminal
 - C. Dumb terminal
 - D. None of the above
7. The computer display uses _____ on the system unit.
- A. parallel port
 - B. serial port
 - C. Both (A) and (B)
 - D. VGA port
8. _____ allows users to interact with software using text, graphics, and visual images.
- A. Utility program
 - B. Graphical User Interface (GUI)
 - C. Expansion slots
 - D. Application System
9. The goal of ergonomics is to incorporate _____ into the design of items in the workplace.
- A. beauty, originality, advanced
 - B. comfort, efficiency, safety
 - C. simplicity, creativity, clarity
 - D. mediocrity, cost-effectiveness, economy
10. _____ is a list of instructions that display to represent commands.
- A. Icon
 - B. Cursor
 - C. Button
 - D. Menu

11. In a videoconference, which of the following devices needed?
- A. Joystick
 - B. Light pen
 - C. Microphone
 - D. Both (a) and (b)
12. _____ is a category type of output that includes memorandum, letters, announcements, press releases and reports.
- A. Text
 - B. Graphic
 - C. Audio
 - D. Video
13. Memory stores _____.
- A. the data being processed by the application programs
 - B. application programs designed to carry out a specific task
 - C. the operating system and other system software
 - D. All the above
14. Writing information on an optical disc known as _____.
- A. Copying
 - B. Scanning
 - C. Burning
 - D. Ripping
15. A disk with low 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
16. Which of the following symbol normally uses to hide the user password?
- A. ****
 - B. @@@
 - C. \$\$\$
 - D. %%%

17. Data are transferred internally within the system using _____.
- A. Ports
 - B. Cable
 - C. Bus
 - D. IrDA
18. _____ does not use any cables; instead it uses infrared light waves for data transmission.
- A. MIDI (Musical Instrument Digital Interface)
 - B. 1394 port
 - C. USB port
 - D. IrDA port
19. Some viruses are hidden in ____, which are instructions saved in an application such as a spreadsheet program.
- A. worms
 - B. logs
 - C. macro
 - D. cookies
20. The process of converting hardcopy information into digital format known as _____.
- A. Copying
 - B. Scanning
 - C. Burning
 - D. Ripping

Section B: (60 marks)

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

Question 1

- (a) Briefly explain any **FIVE (5)** types of computer ports. (10 marks)
- (b) Briefly explain **FIVE (5)** social and ethics issues implication of computer technology. (10 marks)

Question 2

- (a) Explain **FOUR (4)** types of computer storage medium. (10 marks)
- (b) What is computer output? Explain **FOUR (4)** types of computer output. (10 marks)

Question 3

- (a) Describe the **FIVE (5)** categories of software. (10 marks)
- (b) What is system unit? Explain **FOUR (4)** types of components in system unit. (10 marks)

Question 4

- (a) Explain **FOUR (4)** components of Graphical User Interface. (10 marks)
- (b) Differentiate between volatile and non-volatile memory. (5 marks)
- (c) Explain **TWO (2)** types of display unit. (5 marks)