

**FINAL**  
Examination Paper

(COVER PAGE)

Session : August 2015

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 : December 9, 2015

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

Examiner(s) : Mr. Tang Yang Tze, Mr. Light Lau Teng Lye, Ms. Fanny Merlyn,  
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Moderator : Mr. Eric Sow Seah Kuan

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)  
DIPLOMA IN MASS COMMUNICATION (DMCN)  
DIPLOMA IN BUSINESS (DIB)  
ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY  
FINAL EXAMINATION: AUGUST 2015 SESSION

**SECTION A (40 marks)**

**Instructions:** This section consists of **TWENTY (20)** multiple-choice questions. Answer **ALL** questions in the OMR sheet provided. All questions carry equal marks.

1. Which of the following operations is **NOT** a part of information processing cycle?
  - A. Input of data or instruction
  - B. Process data or instruction
  - C. Output of information or result
  - D. Store data for future use
  - E. None of the above
  
2. Which of the following computer applications is **NOT** for personal users?
  - A. Network administration
  - B. Entertainments
  - C. Electronic learning
  - D. Tax preparation
  - E. Personal finance planning
  
3. Smartphone is most probably a type of \_\_\_\_\_.
  - A. Embedded computer
  - B. Mobile computer
  - C. Desktop computer
  - D. Wearable device
  - E. Mobile device
  
4. What is the type of software packages for Microsoft Office 2010?
  - A. Software suite
  - B. Malware
  - C. Shareware
  - D. Freeware
  - E. Firmware
  
5. Which of the following programs is **NOT** considered as utility?
  - A. Disk manager
  - B. Firewall
  - C. Backup utility
  - D. Antivirus
  - E. Web browser

6. What is the general use of an accounting software?
- A. Presentation
  - B. Business productivity
  - C. Entertainment
  - D. Communications
  - E. Computer security
7. Which of the following formats is **NOT** supported by Microsoft Word?
- A. Letters
  - B. Worksheets
  - C. Notices
  - D. Reports
  - E. All the above
8. What is the ability of operating system for handling multiple programs simultaneously?
- A. Multimedia
  - B. Multitasking
  - C. Multiprocessing
  - D. Multi-user
  - E. Multi-core
9. The \_\_\_\_\_ memory is a portion of hard disk that functions as additional memory.
- A. Portable
  - B. Virtual
  - C. Non-volatile
  - D. Cache
  - E. External
10. Which of the components below handles the processing of instructions in a computer?
- A. Keyboard
  - B. Microprocessor
  - C. Memory
  - D. Hard disk
  - E. None of the above
11. What is the main circuit board of a computer?
- A. Motherboard
  - B. Master board
  - C. Switchboard
  - D. Keyboard
  - E. Control Panel

12. Which of the following devices **CANNOT** be connected via USB port?

- A. Monitor
- B. Mouse
- C. Keyboard
- D. Printer
- E. Scanner

13. What is the standard input device for a desktop computer?

- A. Stylus
- B. Touchpad
- C. Mouse
- D. Light pen
- E. Printer

14. Which of the following devices is **NOT** a pointing device?

- A. Mouse
- B. Touchpad
- C. Keypad
- D. Trackpoint
- E. Trackball

15. Which of the following advantages is **TRUE** for dot-matrix printers?

- A. Fast printing
- B. Better printing quality
- C. Lower maintenance costs
- D. Less noisy
- E. None of the above

16. How do you measure the screen resolution of a LCD monitor?

- A. Pixels
- B. Frequency
- C. Sectors
- D. Bytes
- E. Tracks

17. Which of the following formats is **NOT** for optical storage?

- A. CD
- B. HD
- C. BD
- D. DVD
- E. All the above

18. What is the approximate number of bytes for one TERABYTE (TB)?

- A. 1,000,000
- B. 1,000,000,000
- C. 1,000,000,000,000
- D. 1,000,000,000,000,000
- E. None of the above

19. Antivirus can use the \_\_\_\_\_ to detect computer viruses.

- A. Virus DNA
- B. Virus history
- C. Virus activities
- D. Virus signatures
- E. Virus names

20. Which of the following actions is **NOT** considered as computer crime?

- A. Hacking
- B. Information theft
- C. Software piracy
- D. Phishing
- E. None of the above

### SECTION B (60 marks)

**Instructions:** 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) Explain **FIVE (5)** reasons why computers are powerful. (10 marks)
- (b) Define the term “Personal Computer” (PC) and give **THREE (3)** examples. (5 marks)
- (c) List **FIVE (5)** categories of computer users. (5 marks)

#### Question 2

- (a) Explain the CPU and RAM of a computer. (8 marks)
- (b) Identify and describe **THREE (3)** types of RAM. (9 marks)
- (c) Define non-volatile memory and give **ONE (1)** example. (3 marks)

**Question 3**

- (a) Identify and explain **TWO (2)** basic types of input for computers. (6 marks)
- (b) Give **FIVE (5)** examples of biometric input. (5 marks)
- (c) Describe **THREE (3)** types of computer devices that produce visual output. (9 marks)

**Question 4**

- (a) Define the term “flash memory storage” and give **THREE (3)** examples. (5 marks)
- (b) Explain **FIVE (5)** types of security risks for computers and its’ users. (15 marks)

**~THE END~**  
*ICT1100(F) August 2015*