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,
Ms. Marie Shirlean Mekilen, Mr. Tee Ah Ann, Ms. Mahalechumy,
Mr. Muhammad Faisal Maslan, Ms. Yoges, Ms. Melisa Kaur

Moderator : Mr. Eric Sow Seah Kuan

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