



FINAL
Examination Paper
(COVER PAGE)

Session : January 2014

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 : March 12, 2014

Time : 11:00am – 1:00pm 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, Victor Raj, Koh Chong Lin.

Moderator : Dr. Ahmad Suhaimi Baharudin

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

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DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)
DIPLOMA IN MASS COMMUNICATION (DMCN)
ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY
FINAL EXAMINATION: JANUARY 2014 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 supported by a computer?
 - 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 home users?
 - A. Network administration
 - B. Entertainments
 - C. Electronic learning
 - D. Personal communications
 - E. Personal finance planning

3. Smartphone is most probably a type of _____.
 - A. Game console
 - B. Mobile computer
 - C. Embedded computer
 - D. Desktop computer
 - 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 purpose for accounting software?
 - A. Presentation
 - B. Business productivity
 - C. Entertainment
 - D. Communications
 - E. Computer security

7. Which of the following output 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 following the components handles the processing of instructions in a computer?
 - A. Keyboard
 - B. Microprocessor
 - C. RAM
 - D. ROM
 - E. Hard disk

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 computer 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 virus _____ to detect computer viruses.

- A. DNA
- B. History
- C. Activities
- D. Signatures
- E. 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) Describe the personal computer (PC). (4 marks)
- (b) Differentiate between the desktop computers and mobile computers. (4 marks)
- (c) Explain **FOUR (4)** advantages of using computers. (12 marks)

Question 2

- (a) Give the complete names of the following computer acronyms.
 - (i) CPU
 - (ii) RAM
 - (iii) ROM
 - (iv) USB(8 marks)
- (b) Explain the Dynamic RAM, Static RAM and Magnetoresistive RAM. (12 marks)

Question 3

- (a) Explain **TWO (2)** basic forms of input for computers. (6 marks)
- (b) Suggest **FIVE (5)** different types of biometric input. (5 marks)
- (c) Describe the monitor, printer and projector. (9 marks)

Question 4

- (a) Define the flash memory storage and give **THREE (3)** examples. (5 marks)
- (b) Explain **FIVE (5)** common types of computer security risks. (15 marks)

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