



**FINAL**  
Examination Paper  
(COVER PAGE)

Session : April 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 : July 21, 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, Light Lau Teng Lye, Yogeswari, Fazidah, Tee Ah Ann, Melisa Kaur, Shee Fui Chie.

Moderator : Dr. Ahmad Suhaimi Baharudin

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

## INTI INTERNATIONAL COLLEGE SUBANG

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)  
ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY  
FINAL EXAMINATION: APRIL 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. What is the knowledge of computers and ability to use computers to work?
  - A. Computer security
  - B. Computer legacy
  - C. Computer literacy
  - D. Computer efficiency
  - E. Computer legitimacy
  
2. Which of the following computers is NOT a type of personal computer?
  - A. Mobile device
  - B. Mobile computer
  - C. Embedded computer
  - D. Desktop computer
  - E. None of the above
  
3. Which of the following computers is the most powerful computer?
  - A. Personal computer
  - B. Embedded computer
  - C. Supercomputer
  - D. Mainframe
  - E. Server
  
4. Which of the following computer applications is TRUE for power users?
  - A. Entertainments
  - B. Electronic learning
  - C. Server administration
  - D. Business communications
  - E. Personal finance planning
  
5. Which of the following factors is NOT an advantage of computers?
  - A. Speed
  - B. Reliability
  - C. Consistency
  - D. Storage
  - E. None of the above

6. What is the correct sequence of the machine cycle in a computer?
- A. Decode, Execute, Fetch, Store
  - B. Fetch, Decode, Execute, Store
  - C. Store, Fetch, Decode, Execute
  - D. Execute, Decode, Store, Fetch
  - E. None of the above
7. What is a quad-core microprocessor?
- A. A two cores processor
  - B. A four cores processor
  - C. A eight cores processor
  - D. A set of four processors
  - E. A 64-bit processor
8. What is the main function of the control unit of a processor?
- A. To perform calculations
  - B. To translate program instructions
  - C. To store data for processing
  - D. To make logical decisions
  - E. All the above
9. Which of the following standards is an encoding system for computers?
- A. MIDI
  - B. ASCII
  - C. EIDE
  - D. PCI
  - E. USB
10. Which of the following items is an adapter card for computers?
- A. Memory card
  - B. Sound card
  - C. Credit card
  - D. Smart card
  - E. All the above
11. Which of the following software is used to create electronic spreadsheets?
- A. Microsoft Excel
  - B. Microsoft Access
  - C. Microsoft Word
  - D. Microsoft Publisher
  - E. Microsoft PowerPoint

12. Which of the following applications is a form of synchronous communications?

- A. Web conference
- B. Electronic mail
- C. Weblog (blog)
- D. Social networking site
- E. Wiki

13. What is the meant by “warm boot” in computing terminology?

- A. Restart an active computer
- B. Shut down a computer
- C. Start an inactive computer
- D. Troubleshoot a computer error
- E. Put a computer in standby mode

14. What is the program that helps operating system to handle a device?

- A. Driver
- B. Decoder
- C. Installer
- D. Helper
- E. Browser

15. Which of the following utility programs is for computer security?

- A. Disk manager
- B. File zipper
- C. Backup utility
- D. Maintenance utility
- E. Firewall

16. What is the measurement for the output quality of printers?

- A. Characters per second
- B. Pages per minute
- C. Response time
- D. Dots per inch
- E. Paper size

17. Which of the following devices is NOT classified as optical scanner?

- A. Bar code scanner
- B. RFID scanner
- C. OMR scanner
- D. OCR scanner
- E. None of the above

18. What is the equivalent unit for 1,099,511,627,776 bytes?
- A. 1 gigabytes
  - B. 1 megabytes
  - C. 1 petabytes
  - D. 1 terabytes
  - E. None of the above
19. What is the right technique for handling information theft over the Internet?
- A. Antivirus
  - B. Encryption
  - C. Authorization
  - D. Backup facility
  - E. Activation codes
20. What is meant by intellectual property?
- A. Ownership of a property
  - B. Protection of privacy
  - C. Measurement of intelligence
  - D. Recognition of a creation
  - 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 the packaged software, freeware and custom software. (6 marks)
- (b) List **FIVE (5)** types of software for improving business productivity. (5 marks)
- (c) Describe **THREE (3)** types of graphics software for professional users. (9 marks)

**Question 2**

- (a) Explain **THREE (3)** basic categories of operating system (OS). (9 marks)
- (b) List any **FIVE (5)** main functions of OS. (5 marks)
- (c) Describe the microprocessor and motherboard of a computer. (6 marks)

**Question 3**

- (a) Define the pointing devices and give **SIX (6)** examples. (8 marks)
- (b) Describe **FOUR (4)** types of printers with different printing mechanisms. (12 marks)

**Question 4**

- (a) Explain **THREE (3)** differences between the memory and storage of computer. (6 marks)
- (b) Describe **THREE (3)** basic types of storage for computers. (9 marks)
- (c) List **FIVE (5)** common types of Internet and network attacks. (5 marks)

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*ICT1100 (F)/April 2014 session*