

**INTI**

INTERNATIONAL COLLEGE PENANG (507232-U)

LAUREATE INTERNATIONAL UNIVERSITIES

FINAL
Examination Paper

(COVER PAGE)

Session : January 2013

Programme : Diploma in Business Administration Programme

Course : **CSC1170 : Information Technology Principles**

Date of Examination : 6 March 2013

Time : 2p.m. – 4p.m. Reading Time : Nil

Duration : 2 Hours

Special Instructions :

This paper consists of **TWO (2)** sections. Answer **ALL** questions in **SECTION A** and any **THREE (3)** questions in **SECTION B** in the answer booklet provided.

Materials permitted : Nil

Materials provided : OMR Sheets

Examiner(s) : **Koh Chong Lin**

Moderator : **Krishnamoorthy**

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

INTI INTERNATIONAL COLLEGE PENANG

DIPLOMA IN BUSINESS ADMINISTRATION (DBAD)
CSC1170 : PRINCIPLES OF INFORMATION TECHNOLOGY
FINAL EXAMINATION : JANUARY 2013 SESSION

Instructions: This paper consists of **SECTION A** and **SECTION B**.

SECTION A : There are **TWENTY (20)** questions in this section. Answer **ALL** the questions. Each question is **TWO (2) MARKS**.

1. Which of the following denotes the physical location of a particular file or set of data on a magnetic disk?
 - A. Cylinder
 - B. Data Compression Index
 - C. CD-R
 - D. Disk Address
 - E. None of the above

2. The disk caching area is _____.
 - A. on a floppy disk
 - B. in RAM
 - C. on a hard disk
 - D. on the monitor's expansion board

3. Using disk capacity to expand RAM capacity is called _____.
 - A. virtual memory
 - B. RAM-expand
 - C. actual disk
 - D. mystic RAM

4. Which of the following memory groups are in order based on speed (slowest to fastest)?
 - A. registers, cache, RAM
 - B. cache, RAM, registers
 - C. cache, registers, RAM
 - D. RAM, cache, registers
 - E. None of the above

5. BIOS software is stored permanently _____.
 - A. in flash memory
 - B. in DDR SDRAM
 - C. on hard disk
 - D. on DVD-ROM
 - E. in processor

6. Which port enables the parallel transmission of data within a computer system?
- A. Serial
 - B. Parallel
 - C. Centronics
 - D. Speaker
 - E. Paralex
7. A GUI is _____.
- A. text-based
 - B. graphics-based
 - C. label-based
 - D. paste-based
 - E. none of the above
8. The Operating System for the Apple iMac is _____.
- A. OS Mac
 - B. iMac OS
 - C. Mac OS X
 - D. The Mac BOSS
 - E. AppleMac
9. Which of the following would not be considered utility software?
- A. Virus protection
 - B. Temperature monitoring
 - C. Disk maintenance
 - D. Gaming
 - E. None of the above
10. Information technology is the integration of computer technology and _____.
- A. information processing
 - B. societal trends
 - C. PCs
 - D. knowledge workers
 - E. robots
11. Which of these is not a means of personal communication on the Internet?
- A. Electronic mail
 - B. Instant messaging
 - C. Instanotes
 - D. Chat
 - E. None of the above

12. People talk to their PCs via _____.
- A. voice typing
 - B. voice overlay software
 - C. Speech Acceptance Technology
 - D. Speech Recognition Technology
 - E. Voice Synthesizers Technology
13. High-speed access to the Internet is known as _____.
- A. narrowband
 - B. all-band
 - C. megaband
 - D. broadband
 - E. tmnut
14. Which of the following lets us view the Internet content?
- A. World Wide Web
 - B. Web World Wide
 - C. Wide World Web
 - D. World Web Networks
 - E. None of the above
15. People new to the Internet are called _____.
- A. dweebs
 - B. webers
 - C. novice surfers
 - D. newbies
 - E. computing morons
16. The study of the relationships between people and their machines is called _____.
- A. humanology
 - B. human economics
 - C. ergology
 - D. ergonomics
 - E. bionics
17. One way to fight computer virus is to use _____.
- A. Antibug
 - B. Antivirus
 - C. Antidote
 - D. Antilogic
 - E. Backup

18. The unlawful duplication of proprietary software is called _____.
- A. copyright crime
 - B. software bootlegging
 - C. software piracy
 - D. software thievery
 - E. software privacy
19. What name is given to a program intended to damage the computer system of an unsuspecting victim?
- A. Virus
 - B. Bug
 - C. Germs
 - D. Fever
 - E. Terrorists
20. Data in a spreadsheet are referred to by their cell called _____.
- A. box
 - B. number
 - C. address
 - D. code
 - E. labels

SECTION B : Answer any **THREE (3)** questions in the answer booklet. Each question is **TWENTY (20) MARKS**.

Question 1

- a) Define the following categories of Information Technology. Give **ONE (1)** example for each.
- i) Hardware (2 marks)
 - ii) Software (2 marks)
- b) Briefly describe the **THREE (3)** factors to be considered in determining the monitor quality. (6 marks)
- c) List and briefly describe the **FIVE (5)** major categories of computer hardware. (10 marks)

Question 2

- a) Define the following terms:
- (i) Web site (2 marks)
 - (ii) Web site address (2 marks)
 - (iii) Domain name (2 marks)
 - (iv) Web page (2 marks)
- b) Briefly describe any **THREE (3)** communications software and **THREE (3)** telecommunications hardware that you need in order to connect to the internet. (12 marks)

Question 3

- a) Explain the following terms:
- (i) Technology-literate knowledge workers (2 marks)
 - (ii) Information-literate knowledge workers (2 marks)
 - (iii) Ethics (2 marks)
- b) Explain **FOUR (4)** benefits of using a computer. (8 marks)
- c) Explain **THREE (3)** benefits of using USB Flash Drive as compared to a floppy disk. (6 marks)

Question 4

- a) Piracy of application software is becoming a serious issue in our society nowadays. Briefly describe any **TWO (2)** methods that can be used to prevent this problem. (4 marks)
- b) List and briefly explain **FOUR (4)** operations of a machine cycle. (8 marks)
- c) How is pipelining different from parallel processing? (8 marks)

— THE END —

(CSC1170/Jan13/CLKOH/18-01-13)