

 **INTI** International
University & Colleges

FINAL
Examination Paper

(COVER PAGE)

Session : April 2018

Programme : Diploma In Hotel Management (DHMN)
Diploma In Culinary Arts (DCAN)

Course : DHM1100/DCA1102 : Information Systems

Date of Examination : August 1, 2018 (Wednesday)

Time : 8:00 am -10:00 am Reading Time: Nil

Duration : 2 Hours

Special Instructions :

Section A: This section consists of **TWENTY (20)** questions. Answer **ALL** question in the **OMR** sheet provided

Section B: Answer any **THREE (3)** out **FOUR (4)** questions.

IMPORTANT NOTE : **THIS PAPER SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL**

Materials permitted :
Nil

Materials provided :
OMR Sheets

Examiner (s) : Ryan Tee Ah Ann & Koagella Utandy

Moderator : Mr Tang Yang Tze

DIPLOMA IN HOTEL MANAGEMENT PROGRAMME (DHMN)
DIPLOMA IN CULINARY ARTS PROGRAMME (DCAN)
DHM1100/DCA1102 INFORMATION SYSTEMS
FINAL EXAMINATION: APRIL 2018 SESSION

SECTION A: (40 marks)

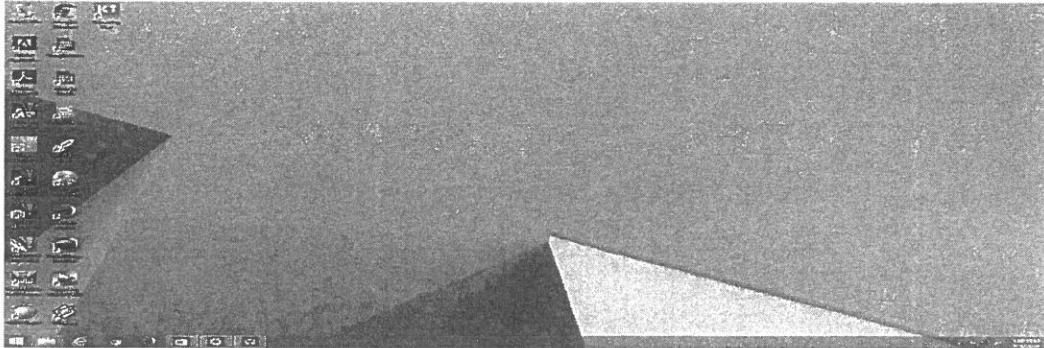
Instructions: This section consists of **TWENTY (20)** multiple-choice questions. Answer **ALL** questions in the **OMR** sheet provided. All questions carry equal marks.

1. Computer _____ entails having the knowledge and understanding of computers and their uses.
 - A. literacy
 - B. intimacy
 - C. legitimacy
 - D. infancy

2. A (n) _____ is an electronic device, operating under the control of instructions stored in its own memory, that can accept data, process the data according to specified rules, produce results, and store the results for future use.
 - A. input device
 - B. computer
 - C. output device
 - D. none of the above

3. A (n) _____ device records (writes) and/or retrieves (reads) items to and from a USB flash drive, for example.
 - A. USB
 - B. storage
 - C. indexing
 - D. dynamic

4. All of the following are advantages of using computers except _____.
- A. speed
 - B. impact on labour force
 - C. communications
 - D. consistency
5. _____ are two of the more widely accessed Internet services.
- A. The World Wide Web and e-mail
 - B. FTP and message boards
 - C. Mailing lists and chat rooms
 - D. Instant messaging and newsgroups
6. The Internet has its roots in a networking project started by the Pentagon's _____, an agency of the U.S. Department of Defense.
- A. SCNet
 - B. ARPA
 - C. SKYNET
 - D. WWW
7. _____ software consists of programs designed to make users more productive and/or assist them with personal tasks.
- A. Application
 - B. Utility
 - C. Operating
 - D. System



8. In the Windows 8.1 operating system, as shown in the figure above, the _____ is an on-screen work area that has a graphical user interface.
- A. frame
 - B. desktop
 - C. workspace
 - D. dialog box
9. The _____ of the document window usually displays a document's file name.
- A. command box
 - B. shortcut menu
 - C. title bar
 - D. submenu
10. On _____, the electronic components and most storage devices are part of the system unit. Other devices such as the keyboard, mouse, and monitor, normally occupy space outside the system unit.
- A. desktop personal computers
 - B. notebook computers
 - C. mobile computers
 - D. desktop personal computers and mobile computers
11. The cases of the system unit, sometimes called the _____, is made of metal or plastic and protects the internal electronic components from damage.
- A. form factor
 - B. chassis
 - C. motherboard
 - D. chip

12. The pace of the system clock, called the _____ speed, is measured by the number of ticks per second.
- A. temporal
 - B. system
 - C. processor
 - D. clock
13. The actual photographed resolution of a digital camera is known as the _____.
- A. optical resolution
 - B. standard resolution
 - C. enhance resolution
 - D. visual resolution
14. _____ is a technology that involves reading typewritten, computer-printed, or hand-printed characters from ordinary documents and translating the images into a form that the computer can process.
- A. DCR (Document Character Reader)
 - B. ECR (Electronic Character Recognition)
 - C. OCR (Optical Character Reader)
 - D. SCR (Standard Character Reader)
15. A hard copy also is called a (n) _____.
- A. scanned copy
 - B. display copy
 - C. resolved copy
 - D. printout
16. A (n) _____ monitor is a desktop monitor that contains a cathode-ray tube.
- A. plasma
 - B. HDTV
 - C. LED
 - D. CRT

17. _____ is the number of bytes (characters) a storage medium can hold.
- A. Resolution
 - B. Dimensionality
 - C. Capacity
 - D. Retention
18. Some computers improve hard disk access time by using a disk _____, which consists of memory chips that store frequently accessed items.
- A. warehouse
 - B. cache
 - C. base
 - D. home
19. A (n) _____ system is a set of programs containing instructions that coordinate all the activities among computer hardware resources.
- A. operating
 - B. disk-based
 - C. management
 - D. platform
20. A computer _____ risk is any event or action that could cause a loss of or damage to computer hardware, software, data, information, or processing capability.
- A. security
 - B. liability
 - C. terrorism
 - D. Network

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 any **FOUR (4)** benefits of Information Technology. (8 marks)
- (b) Distinguish between *single user system* and *multi user system*. (6 marks)
- (c) Describe any **THREE (3)** communication and collaboration tools of Internet. (6 marks)
- [Total: 20 Marks]

Question 2

- (a) Expand the *acronym* below: (6 marks)

Acronym	Expand
HTTP	
HTML	
URL	
ISP	
DSS	
XML	

- (b) Explain the components of the given Internet address: kg@newinti.com.my. (4 marks)
- (c) Describe **FIVE (5)** types of information display in multimedia presentation. (10 marks)
- [Total: 20 marks]

Question 3

- (a) What are Computer Security Risks? List **FIVE (5)** types of Cybercrime Perpetrators?
(6 marks)
- (b) Describe the **FOUR (4)** steps of public key encryption.
(8 marks)
- (c) Describe any **THREE (3)** efforts to curb computer crime in an organisation.
(6 marks)
[Total: 20 marks]

Question 4

- (a) What is System Software? Explain the **TWO (2)** types of System Software?
(8 marks)
- (b) Distinguish between *Concurrent data sharing* and *Non-concurrent data sharing* in database.
(4 marks)
- (c) Describe all the **FOUR (4)** conversion strategies of system.
(8 marks)
[Total: 20 marks]

-THE END-