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FINAL
Examination Paper

(COVER PAGE)

Session : January 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 : March 16, 2015

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. Andrew Ho Mun Wah, Tan Kok Cheng, Tan Kwong Hwee , Marie Shirlean Mekilen.

Moderator : Mr. Vincent Loh

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

INTI INTERNATIONAL COLLEGE SUBANG (IICS)

DIPLOMA IN BUSINESS (DIB)

DIPLOMA IN MASS COMMUNICATION (DMCN)

DIPLOMA IN HOTEL MANAGEMENT (DHM)

DIPLOMA IN INFORMATION COMMUNICATION AND TECHNOLOGY (DICTN)

ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY

FINAL EXAMINATION: JANUARY 2015 SESSION

SECTION A: Multiple Choice Questions (40 marks)

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

1. Following statements describes Digital Literacy **EXCEPT**
 - A. Able to communicate and keep up with technology trends
 - B. Is the knowledge, skills, and behaviors used in a broad range of digital devices
 - C. Requires certain skill sets that are interdisciplinary in nature
 - D. Simply being a digital native makes one digitally literate
 - E. Sometimes it is also referred to as the term Digital Competence

2. A _____ uses a liquid compound to present information on a display device.
 - A. DTV
 - B. LCD
 - C. CRT
 - D. HDTV
 - E. none of the above

3. All of the following are input devices **EXCEPT** _____.
 - A. keyboard
 - B. scanner
 - C. microphone
 - D. speaker
 - E. mouse

4. All of the following are the types of Graphics and Multimedia Software **EXCEPT** _____.
 - A. desktop publishing
 - B. computer-aided design
 - C. illustration and image software
 - D. video and audio editing software
 - E. personal finance software

5. A _____ is a small program that tells the operating system how to communicate with a specific device.
- A. add-on
 - B. codec
 - C. driver
 - D. kernel
 - E. plug-in
6. Which of the following is **NOT** an example of an Internet browser?
- A. Firefly
 - B. Google Chrome
 - C. Opera
 - D. Safari
 - E. SeaMonkey
7. Which of the following statement is **NOT** a task performed by an application software?
- A. To make business activities more efficient
 - B. To assist with graphics and multimedia projects
 - C. To support home, personal, and educational tasks
 - D. To allow a user to perform maintenance-type tasks
 - E. To facilitate communications
8. The _____ is the component of the processor that directs and coordinates most of the operations in the computer.
- A. arithmetic logic unit
 - B. control unit
 - C. heat sinks
 - D. memory cache
 - E. register
9. Which of the following statements is **FALSE**?
- A. Items in a computer volatile memory remain intact even when you turn off the computer
 - B. Capacity is the number of bytes a storage medium can hold
 - C. A storage medium keeps data, information, programs, and applications
 - D. Hard disks can store data using longitudinal or perpendicular recording
 - E. USB flash drive is alternatively referred to as a USB thumb drive
10. The _____ mode saves any open documents and programs to RAM, turns off all unneeded functions, and then places the computer in a low-power state.
- A. shut down
 - B. log off
 - C. temp
 - D. sleep
 - E. virtual

11. Which of the following is **NOT** included in the components of a System Unit?
- A. Processor chip
 - B. Memory chip
 - C. Ports
 - D. Peripheral
 - E. Add-in boards
12. 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
13. A _____ is a duplicate of a file, program, or disk that can be used if the original is lost, damaged or destroyed.
- A. offsite
 - B. onsite
 - C. backup
 - D. defragmentation
 - E. storage
14. The computer can read and write on the following optical discs **EXCEPT** _____.
- A. DVD-RW
 - B. DVD+RW
 - C. DVD+RAM
 - D. DVD-ROM
 - E. CD-RW
15. Which of the following is **NOT** a measure of storage capacity?
- A. Kilobyte
 - B. Megabyte
 - C. Gigabyte
 - D. Terabyte
 - E. Pratabyte
16. Compressed files are commonly called _____.
- A. cloud files
 - B. leached files
 - C. torrent files
 - D. whipped files
 - E. zipped files
17. The Solid state drives (SSDs) have several advantages over magnetic hard disks **EXCEPT** _____.
- A. Faster access time
 - B. Generate more heat
 - C. Faster transfer rates
 - D. Consume less power
 - E. Last longer

18. An infected computer infected has one or more of the following symptoms **EXCEPT** _____
- A. Available memory is less than expected
 - B. Existing programs and files disappear
 - C. Operating system runs much faster than usual
 - D. Operating system does not start up
 - E. Programs or files do not work properly
19. A _____ attack disrupts computer access to a computer network services.
- A. BoS
 - B. DoS
 - C. FoS
 - D. MoS
 - E. SoS
20. A computer program that capable of duplicate itself on infected computer, consuming computer resources and send copies to other computers via network is called _____
- A. Adware
 - B. Rootkit
 - C. Spyware
 - D. Trojan Horse
 - E. Worms

SECTION B: Short Answer Questions (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. List **FIVE (5)** types of computers. Describe each type of computers. (10 marks)
- b. Identify and explain **FOUR (4)** impacts of using computer. (10 marks)

Question 2

- a. List and describe **FOUR (4)** functions of an operating system. (8 marks)
- b. Name any **TWO (2)** operating systems. (2 marks)
- c. Software is available in a variety of forms. Identify and briefly explain **FIVE (5)** forms of software. (10 marks)

Question 3

- a. Name **FOUR (4)** examples of biometric devices. (4 marks)
- b. Describe the following types of devices:- (6 marks)
- i. Touchpad
 - ii. Ergonomic keyboard
- c. Identify and briefly explain **FIVE (5)** types of printers. (10 marks)

Question 4

- a. Name any **FOUR (4)** specific components of a magnetic hard disk. (4 marks)
- b. Using suitable examples, explain **TWO (2)** ways on how RFID tags are used. (6 marks)
- c. Identify and briefly explain **FIVE (5)** ways to promote Green computing. (10 marks)

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