



FINAL
Examination Paper

(COVER PAGE)

Session : August 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 : December 5, 2014

Time : 3:00pm – 5:00pm 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

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INTI INTERNATIONAL COLLEGE SUBANG

DIPLOMA IN BUSINESS (DIB)
DIPLOMA IN MASS COMMUNICATION (DMCN)
DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)
ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY
FINAL EXAMINATION: AUGUST 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 classification of software for Microsoft Windows 8?
 - A. Operating system
 - B. Utility suite
 - C. Mobile application
 - D. Application software
 - E. None of the above

2. Which of the following software type is TRUE for Microsoft Office 2010?
 - A. Software suite
 - B. Utility suite
 - C. Shareware
 - D. Freeware
 - E. Malware

3. Which of the following programs is NOT considered as utility?
 - A. Web browser
 - B. Disk manager
 - C. Backup utility
 - D. Firewall
 - E. Antivirus

4. Which of the following applications requires accounting software?
 - A. Business
 - B. Education
 - C. Entertainment
 - D. Communications
 - E. None of the above

5. Which of the following functions is NOT true for stand-alone operating system?
 - A. Function to control a network
 - B. Function to manage memory
 - C. Function to provide user interface
 - D. Function to manage programs and software
 - E. Function to monitor system performance

6. What is the CAD software?
- A. Software for creating multimedia products
 - B. Software for creating digital photographs
 - C. Software for creating Web applications
 - D. Software for creating 3-D models
 - E. None of the above
7. What is GUI in computing terminology?
- A. A type of software package
 - B. A type of computer device
 - C. A type of hardware standard
 - D. A type of user interface
 - E. None of the above
8. Which of the following items is NOT a type of system performance?
- A. CPU usage
 - B. Memory usage
 - C. Network activities
 - D. Virus activities
 - E. Programs and processes
9. Which of the following computers is NOT a personal computer?
- A. Mobile computer
 - B. Desktop computer
 - C. Mobile device
 - D. Embedded computer
 - E. Game console
10. Which of the following events is related to impact on environment?
- A. Changes in workforce
 - B. Privacy on social networks
 - C. Growth of computer crime
 - D. Increase of computer waste
 - E. None of the above
11. Which of the following data representations is correct?
- A. Eight bits represent one byte
 - B. Eight bytes represent one bit
 - C. Sixteen bits represent one byte
 - D. Sixteen bytes represent one bit
 - E. One bit represents one byte

12. What is ASCII?
- A. A type of encoding system
 - B. A type of port interface
 - C. A type of input device
 - D. A type of output device
 - E. None of the above
13. Which of the following devices is NOT a pointing device?
- A. Mouse
 - B. Keypad
 - C. Touchpad
 - D. Stylus
 - E. Trackball
14. Which of the following advantages is FALSE for a laser printer?
- A. Fast printing
 - B. Less maintenance cost
 - C. Better printing quality
 - D. Less noisy
 - E. All the above
15. What is a cluster in the hard disk?
- A. A group of platters
 - B. A group of sectors
 - C. A group of tracks
 - D. A group of partitions
 - E. None of the above
16. What is the standard storage capacity for a DVD?
- A. 650 MB
 - B. 4.7 GB
 - C. 25 GB
 - D. 1.0 TB
 - E. Much greater
17. 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

18. What is the right technique for handling unauthorized access over Internet?

- A. Antivirus
- B. Encryption
- C. Activation key
- D. Recovery utility
- E. Authentication

19. Which of the following actions is NOT considered as computer crime?

- A. Hacking
- B. Sending malware
- C. Information theft
- D. Software piracy
- E. None of the above

20. What is information privacy?

- A. Protection of copyright
- B. Protection of property
- C. Correctness of information
- D. Ownership of creation
- E. Ownership of personal data

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) Identify **FIVE (5)** broad categories of computer users. (5 marks)

(b) Explain **FIVE (5)** advantages of using computers in business operations. (15 marks)

Question 2

(a) Explain the **TWO (2)** main units of the processor. (6 marks)

(b) Identify **FIVE (5)** types of basic components on the motherboard. (5 marks)

(c) Describe **THREE (3)** basic types of memory in computers. (9 marks)

Question 3

- (a) Identify and explain **TWO (2)** primary input devices of a desktop computer. (6 marks)
- (b) Suggest **FIVE (5)** different types of biometric input. (5 marks)
- (c) Describe the monitor, scanner and projector. (9 marks)

Question 4

- (a) Describe **THREE (3)** common types of portable mass storage for computer users. (12 marks)
- (b) Explain the ethical issues and health issues related to misuse of computers. Give examples to support your explanation. (8 marks)

-- THE END --

ICT1100 (F)/August 2014 session