



FINAL
Examination Paper

(COVER PAGE)

Session : January 2013

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT1100 : Principles Of Information Technology

Date of Examination : March 4, 2013

Time : 2:00pm – 4:00pm Reading Time: Nil

Duration : 2 Hours

Special Instructions :

Section A : Answer any 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) : Ms. Mahaletchumy Ramakrishnan, Koh Chong Lin.

Moderator : Dr. Ahmad Suhaimi Baharudin

This paper consists of 7 printed pages, including the cover page.

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DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY
PROGRAMME (DICTN)

ICT1100 : PRICIPLES OF INFORMATION TECHNOLOGY
FINAL EXAMINATION : JANUARY 2013 SESSION

SECTION A :

Instructions: This section consists of **TWENTY (20)** questions. Answer **ALL** questions in the OMR sheet provided. All questions carry equal marks. (40 marks)

1. A _____ is an electronic device, operating under the control of instructions stored in its own memory.
 - (A) calculator
 - (B) computer
 - (C) vehicle
 - (D) appliances
 - (E) machine

2. Green computing includes all the following strategies, EXCEPT _____.
 - (A) Recycling
 - (B) Regulating manufacturing processes
 - (C) Increasing electricity consumption
 - (D) Extending the life of computers
 - (E) Immediately donating or properly disposing of replaced computers

3. The _____ is a worldwide collection of networks that links millions of businesses, government agencies, and educational institutions.
 - (A) Communication
 - (B) Business
 - (C) Internet
 - (D) Telecommuting
 - (E) Globalisation

4. The transmission of messages and files via a computer network refers to _____.

- (A) chat
- (B) blog
- (C) spam
- (D) e-mail
- (E) bulletin

5. Which of following business software allows users to create and manipulate documents?

- (A) Spreadsheet
- (B) Word processor
- (C) Database
- (D) Presentation
- (E) Publisher

6. A _____ is a collection of data organized in a manner that allows access, retrieval, and use of that data.

- (A) Image Editor
- (B) Web page
- (C) Note Taking
- (D) Presentation
- (E) Database

7. The main circuit board of the system unit is called the _____.

- (A) Fatherboard
- (B) Motherboard
- (C) Brotherboard
- (D) Sisterboard
- (E) Keyboard

8. Which component of the processor performs arithmetic, comparison, and other operations?

- (A) Control unit
- (B) Arithmetic Logic Unit
- (C) Cache
- (D) Register
- (E) Chip

9. All of the following are widely used input devices, EXCEPT _____.
- (A) keyboard and mouse
 - (B) microphone and scanner
 - (C) digital camera and PC video camera
 - (D) printer and monitor
 - (E) Voice input and video input
10. What is OMR?
- (A) Objective Mark Reader
 - (B) Optical Mark Reader
 - (C) Optical Mark Recorder
 - (D) Optical Mark Recognition
 - (E) Object Mark Recognition
11. The number of horizontal and vertical pixels in a display device is known as _____.
- (A) Resolution
 - (B) Sharpness
 - (C) Clarity
 - (D) Performance
 - (E) Coordinate
12. What is LCD?
- (A) Liquid Clear Display
 - (B) Liquid Crystal Display
 - (C) Liquid Clear Dimension
 - (D) Liquid Crystal Data
 - (E) Liquid Clear Data
13. A _____ contains one or more inflexible, circular platters that use magnetic particles to store data, instructions, and information.
- (A) ports
 - (B) memory
 - (C) floppy disk
 - (D) pen drive
 - (E) hard disk

14. Internet service that provides storage to computer user to view time-critical data and images immediately is called _____.
- (A) External storage
 - (B) Internal storage
 - (C) cloud storage
 - (D) backup storage
 - (E) recovery storage
15. The magnetically coated ribbon of plastic capable of storing large amounts of data and information refers to _____.
- (A) Hard disk
 - (B) Tape
 - (C) Optical disk
 - (D) Smart card
 - (E) Microfilm
16. What is CAD?
- (A) Computer Aided Document
 - (B) Computer Aided-Design
 - (C) Computer Assisted-Design
 - (D) Computer Aided-Development
 - (E) Computer Assisted-Development
17. A (n) _____ is a set of programs containing instructions that work together to coordinate all the activities among computer hardware resources.
- (A) System software
 - (B) Utility program
 - (C) Operating System
 - (D) Server program
 - (E) Client program
18. What is GUI?
- (A) Graphical User Interaction
 - (B) Graphical User Interconnection
 - (C) Graphical User Internet
 - (D) Graphical User Interface
 - (E) Graphical User Interpretation

19. The online or internet-based illegal act is called _____.
- (A) Spam
 - (B) Hacking
 - (C) risk
 - (D) Cybercrime
 - (E) Spoofing
20. A (n) _____ is hardware and/or software that protect a network's resources from intrusion.
- (A) Backup
 - (B) Firewall
 - (C) Recovery
 - (D) Authentication
 - (E) Authorization

SECTION B

Instruction: This paper consists of **FOUR (4)** questions. Answer any **THREE (3)** questions in the answer booklet provided. All questions carry equal marks. (60 marks)

Question 1

- (a) Identify and explain **FOUR (4)** Internet and Network attacks. (8 marks)
- (b) List and explain any **THREE (3)** ways how can users safeguard against network attacks. (6 marks)
- (c) Identify and explain any **THREE (3)** options for backing up computer resources. (6 marks)

Question 2

- (a) What is system software; and explain the **TWO (2)** types of system software with one example for each. (6 marks)
- (b) Identify and explain any **FOUR (4)** functions of an Operating System. (8 marks)
- (c) Identify and explain any **THREE (3)** utility programs and its function. (6 marks)

Question 3

- (a) What is cloud storage; and list any **FIVE (5)** of its advantages. (6 marks)
- (b) Identify any **THREE (3)** output options available for physically challenged users. (6 marks)
- (c) Identify and explain any **FOUR (4)** input devices for physically challenged users. (8 marks)

Question 4

- (a) Identify and explain any **FIVE (5)** forms through which software is available. (10 marks)
- (b) Identify and explain any **FIVE (5)** key features of widely used business programs. (10 marks)

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