



**INTI**

INTERNATIONAL COLLEGE PENANG (507232-U)  
LAUREATE INTERNATIONAL UNIVERSITIES

FINAL  
Examination Paper

(COVER PAGE)

Session : AUGUST 2015

Programme : CERTIFICATE IN BUSINESS STUDIES (CBSI)

Course : **CSC1010: BASICS OF MANAGING INFORMATION**

Date of Examination : 8 Dec 2015 (Tuesday)

Time : 11:00am – 1:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

This paper consists of **THREE (3)** sections. **Section A** : Answer all questions in the OMR sheet provided. **Section B**: Answer all questions in answer booklet.

**Section C**: Answer any **THREE(3)** out of the Four questions in the answer booklet provided

Materials permitted :

Non-Programmable Calculator

Materials provided :

OMR & Answer booklet

Examiner(s) :

**Mr. Light Lau Teng Lye**

Moderator :

**Dr. Vincent Khoo**

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

INTI INTERNATIONAL COLLEGE PENANG  
CERTIFICATE IN BUSINESS STUDIES PROGRAM

CSC1010: BASICS OF MANAGING INFORMATION  
FINAL EXAMINATION: AUGUST 2015 SESSION

**Section A (40%):** Answer all.

Instructions: This section consists of **20 questions**. Answer **ALL** questions in the OMR sheet provided.

- 1) A telecommunication device that connects one LAN to another LAN using the same telecommunication protocol is called \_\_\_\_\_.
  - (A) gateway
  - (B) highway
  - (C) router
  - (D) bridge
  - (E) switch
  
- 2) A network that supports the interconnection of information technology within a big city is called \_\_\_\_\_.
  - (A) Wide Area Network (WAN)
  - (B) Local Area Network (LAN)
  - (C) Metropolitan Area Network (MAN)
  - (D) Internal Area Network (IAN)
  - (E) Personal Area Network (PAN)
  
- 3) Which of the following represents a larger amount of data in computing?
  - (A) Kilo Byte (KB)
  - (B) Tera Byte (TB)
  - (C) Mega Bye (MB)
  - (D) Giga Byte (GB)
  - (E) Nano Byte (nB)
  
- 4) Which of the following affiliation ID is **MISMATCHED**?
  - (A) org – organization site
  - (B) net – networking site
  - (C) com – business site
  - (D) gov – government site
  - (E) edu – educational site
  
- 5) A(n) \_\_\_\_\_ is a field or set of fields that uniquely identifies a database record.
  - (A) primary key
  - (B) attribute
  - (C) foreign key
  - (D) record
  - (E) entity

- 6) \_\_\_\_\_ refers to the programs that manage computer resources at a low level.
- (A) Firmware
  - (B) Freeware
  - (C) Shareware
  - (D) System software
  - (E) Hardware
- 7) \_\_\_\_\_ performs mathematical calculation and logical comparison.
- (A) Control Unit
  - (B) Ports
  - (C) ROM
  - (D) RAM
  - (E) ALU
- 8) \_\_\_\_\_ consists of the buying and selling of products or services over electronic systems such as the Internet and other computer networks.
- (A) Multimedia commerce
  - (B) m-Commerce
  - (C) Advanced business
  - (D) Multidimensional
  - (E) E-commerce
- 9) Each computer on the Internet has an address called \_\_\_\_\_.
- (A) HTML
  - (B) XML
  - (C) XHTML
  - (D) CSS
  - (E) URL
- 10) Most software used to run on a personal computer uses a \_\_\_\_\_ license.
- (A) single user
  - (B) network
  - (C) stand alone
  - (D) multi user
  - (E) share user
- 11) A form of e-commerce in which customers deal directly with an organization and bypass the intermediaries.
- (A) B2B
  - (B) B2C
  - (C) C2C
  - (D) C2G
  - (E) None of the above

- 12) The following terms refer to computer crimes, **EXCEPT** \_\_\_\_.
- (A) Identify theft
  - (B) Cyberterrorist
  - (C) Craker
  - (D) Hacker
  - (E) None of the above
- 13) What is **NOT** an important attribute for artificial intelligence system?
- (A) Ability to understand visual image
  - (B) Ability to be creative
  - (C) Ability to calculate complex formula
  - (D) Both (A) & (B)
  - (E) Both (B) & (C)
- 14) The \_\_\_\_ is the heart of the Operating System & control most of computer critical process.
- (A) Kennel
  - (B) Control Unit
  - (C) Core Unit
  - (D) Kernel
  - (E) Kannel
- 15) Which part of Expert System store data, rules, cases and relationships?
- (A) Acquisition facility
  - (B) Database Management System
  - (C) Data interface
  - (D) Knowledge base
  - (E) None of the above
- 16) 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) worm
  - (B) trojan horse
  - (C) virus
  - (D) anti-virus
  - (E) bacteria
- 17) The followings are ways to prevent unauthorized computer access, **EXCEPT** \_\_\_\_.
- (A) Using anti-virus software
  - (B) Using fingerprint authentication device
  - (C) Using the intrusion detection software
  - (D) Using the security dashboard
  - (E) Using the firewall software
- 18) The Decision Support System (DSS) has which of the following characteristic(s)?
- (A) Provide rapid access to information.
  - (B) Perform complex and advanced analysis
  - (C) Perform simulation analysis
  - (D) Handle large amounts of data from different sources.
  - (E) All of the above

- 19) \_\_\_\_ is branch of artificial intelligence involve computer understanding and reacting to statement in English?
- (A) Machine Language processing
  - (B) Natural language processing
  - (C) Neural network
  - (D) Vision system
  - (E) Robotic
- 20) Computers represent data in \_\_\_\_\_, written as sequences of "0" and "1".
- (A) analog format
  - (B) decimal format
  - (C) binary format
  - (D) Both (a) and (b)
  - (E) Both (a) and (c)

**Section B (30%):** Answer all in answer booklet.

- 1) An \_\_\_\_\_ is a collection of components that work together to provide information to help in the operations and management of an organization.
- 2) \_\_\_\_\_ accepts the input data from outside the system.
- 3) \_\_\_\_\_ produces results of processing for use outside the system.
- 4) A \_\_\_\_\_ is a collection of computers and related equipment connected using communications equipment so that they can communicate with each other.
- 5) One MHz is one \_\_\_\_\_ cycles per second.
- 6) \_\_\_\_\_ refers to the physical equipment which data are entered into a computer for processing, storage and retrieval, or transmission.
- 7) \_\_\_\_\_ refers to the computer hardware that produce the results of inputting and processing data and information.
- 8) \_\_\_\_\_ use programming languages to create computer and communications network software.
- 9) \_\_\_\_\_ refers to the computer that accesses the information stored on a server computer.
- 10) A \_\_\_\_\_ topology is designed with each node (file server, workstations, and peripherals) connected directly to a central network hub or concentrator.
- 11) The \_\_\_\_\_ topology is one which the network is setup in a loop where data is passed from one workstation to another.
- 12) A \_\_\_\_\_ refers to a device that interconnects compatible LANs using same protocol.
- 13) A \_\_\_\_\_ refers to a set of rules and procedures for exchanging information among computers.
- 14) \_\_\_\_\_ file refers to records that are organized one after the other and each record must be scanned to until the desired record is located.

15) \_\_\_\_\_ is a graphical approach to query languages in database management system.

**Section C (30%):** Answer any **THREE** out of four questions in answer booklet.

Q1) Briefly explain **FIVE (5)** types of Information Systems used in business. (10 marks)

Q2) Briefly explain **FIVE (5)** stages of System Development Life Cycle. (10 marks)

Q3) Identify and explain **FIVE (5)** advantages of using the Database Approach to handle organization information. (10 marks)

Q4a) Differentiate between Data and Database Management System (DBMS). (5 marks)

Q4b) Differentiate between single user and multi-user system in an organization. (5 marks)

**--THE END--**

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