



INTI
International College Penang

FINAL
Examination Paper

(COVER PAGE)

Session : AUGUST 2018

Programme : CERTIFICATE IN BUSINESS STUDIES (CBSI)

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

Date of Examination : 10 December 2018, Monday

Time : 8:00AM – 10:00AM 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
CSC1010: BASICS OF MANAGING INFORMATION
FINAL EXAMINATION: AUGUST 2018 SESSION

Section A (40%):

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

- 1) A device that connects two incompatible networks (public or private), network nodes, or devices is call_____.
(A) gateway
(B) highway
(C) router
(D) bridge
- 2) A network that interconnects computers and communications devices within an office is called_____.
(A) Wide Area Network (WAN)
(B) Local Area Network (LAN)
(C) Metropolitan Area Network (MAN)
(D) Internal Area Network (IAN)
- 3) Which of the following data storage space represents a smallest amount of data in computing?
(A) Kilo Byte (KB)
(B) Tera Byte (TB)
(C) Mega Bye (MB)
(D) Giga Byte (GB)
- 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
- 5) _____ refers to records are organized one after the other and each record must be scanned to until the desired record is located.
(A) Sequential file
(B) Random file
(C) Direct file
(D) Indirect file
- 6) _____ refers to the general term for a set of instructions that controls a computer or communications network.
(A) Firmware
(B) Freeware
(C) Shareware
(D) Software

- 7) _____ performs tasks such as analyzes and executes instructions in a program.
(A) Control Unit
(B) Ports
(C) ROM
(D) ALU
- 8) _____ consists of the buying and selling of products or services over mobile networks.
(A) Multimedia commerce
(B) m-Commerce
(C) Advanced business
(D) E-commerce
- 9) Each computer on the Internet has an address called _____.
(A) HTML
(B) XML
(C) XHTML
(D) URL
- 10) Most software used to run multiple computers uses a _____ license.
(A) single user
(B) network
(C) stand alone
(D) multi 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
- 12) The following terms refer to computer crimes, **EXCEPT** _____.
(A) Cyberstander
(B) Cyberterrorist
(C) Craker
(D) Hacker
- 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)
- 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

- 15) Which of the following system is Artificial Intelligence System?
(A) Expert System
(B) Database Management System
(C) Data Warehouse System
(D) Management Information System
- 16) A computer program capable of damaging and infects user computer is called _____.
(A) worm
(B) trojan horse
(C) virus
(D) anti-virus
- 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
- 18) A business information system that uses business rules, regulations, and databases to evaluate a situation or determine an appropriate course of action is called _____.
(A) Expert System
(B) Database Management System
(C) Data Warehouse System
(D) Management Information System
- 19) ____ is branch of artificial intelligence enabling computer understanding and reacting to statement in English?
(A) Machine Language processing
(B) Natural language processing
(C) Neural network
(D) Vision system
- 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)

Input device	Router	Output device	Hub
Mesh topology	Information Technology	Bus topology	Primary storage
Kilo	Random file	Server computer	Sequential file
Ring topology	Wizard	Bytes per minute	Bridge
System analyst	Bits per second	Storage device	Optical device

Section B (30%): Answer **ALL** in answer booklet. Fill in the blank with the above optional answers.

- 1) _____ refers to a wide variety of items and abilities used in the creation, storage, and dispersal of data and information..
- 2) An _____ accepts data from outside the computer and converts it into an electronic form the computer can understand.
- 3) An _____ converts data from an electronic form inside the computer to a form that can be used outside the computer.
- 4) Data rate is measured as _____.
- 5) One kHz 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) _____, also called internal storage, is the "memory", or RAM of the computer.
- 8) _____ refers to someone who works with users to determine the requirements an application must meet.
- 9) _____ refers to the computer that contains data and information that can be accessed by a client computer.
- 10) _____ refers to network setup where each of the computers and network devices are interconnected with one another.
- 11) The _____ is a network setup in which each computer and network device are connected to a single cable or backbone.
- 12) A device that provides central point for cable in network is called _____.
- 13) A device that interconnects multiple networks include those with different protocols is called _____.
- 14) _____ refers to records are not necessarily stored in sequence and can be accessed directly.
- 15) _____ is an automated assistant that helps user complete a task by asking questions then automatically performing actions based on the user's answers.

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 **FOUR (4)** conversion strategies with their disadvantage at Implementation stage of System Development Life Cycle. (10 marks)

Q3) Identify and explain **FIVE (5)** types of business graphs to handle organization information. (10 marks)

Q4a) Differentiate between Entity and Attribute in Database. (5 marks)

Q4b) Differentiate between productivity and effectiveness in an organization. (5 marks)

~ The End ~

CSC1010(F)/AUG2018/LIGHT