

INTI INTERNATIONAL COLLEGE PENANG

FOUNDATION IN BUSINESS INFORMATION TECHNOLOGY (CFPI)

CSC1208: BASIC COMPUTING

RESIT EXAMINATION: AUGUST 2016 SESSION

SECTION A (25 marks)

Instructions: This section consists of **TWENTY FIVE (25)** multiple-choice questions. Answer **ALL** questions in the OMR sheet provided. All questions carry equal marks.

1. Which of the following is the product of data processing?
 - (a) Information
 - (b) Data
 - (c) Software Program
 - (d) System
 - (e) Instruction

2. Memories which can be read only are called _____.
 - (a) RAM
 - (b) ROM
 - (c) DRAM
 - (d) Virtual Memory
 - (e) Secondary Memory

3. A program that converts computer data into some code system other than the normal one is known as _____.
 - (a) Emulator
 - (b) Encoder
 - (c) Decoder
 - (d) Trigger
 - (e) None of these

4. What is Cache RAM?
 - (a) Extra memory used for overflow from your Hard Disk
 - (b) A place to store secret information like passwords
 - (c) It's the same as your Hard Disk Drive
 - (d) Fast memory used for data that is accessed often
 - (e) None of the above

5. The _____ of a system includes the programs or instructions
 - (a) Hardware
 - (b) Icon
 - (c) Software
 - (d) Virtual memory
 - (e) Information

6. The most important or powerful computer in a typical network is _____.
- (a) Desktop
 - (b) Client
 - (c) Network Server
 - (d) Network Station
 - (e) None of the above
7. Computers use the _____ number system to store data and perform calculations.
- (a) Decimal
 - (b) Hexadecimal
 - (c) Octal
 - (d) Binary
 - (e) None of the above
8. What is backup?
- (a) Adding more components to your network
 - (b) Protecting data by copying it from the original source to a different destination
 - (c) Accessing data on tape ALU
 - (d) Editing data on tape CU
 - (e) None of the above
9. The code for a Web page is written using _____.
- (a) A fifth generation language
 - (b) Win Zip
 - (c) Peripherals
 - (d) Hypertext Markup Language
 - (e) URL
10. Which of the following places the common data elements in order from smallest to largest?
- (a) character, file, record, field, database
 - (b) character, record, field, database, file
 - (c) character, field, record, file, database
 - (d) Bit, byte, character, record, field, file, database
 - (e) None of the above
11. Which of the following would most likely NOT be a symptom of a virus?
- (a) Existing program files and icons disappear.
 - (b) The CD-ROM stops functioning.
 - (c) The Web browser opens to an unusual home page.
 - (d) Odd messages or images are displayed on the screen.
 - (e) None of the above

12. What is the correct association between a hardware component and a computer function?
- (a) Monitor > input
 - (b) Mouse > input
 - (c) CPU > storage
 - (d) Hard disk > processing
 - (e) Printer > input
13. Use of icons and windows are characteristic of a _____ interface.
- (a) Command driven
 - (b) Windows oriented
 - (c) Graphical user
 - (d) Menu driven
 - (e) None of these
14. The ability of an operating system to control the activities of multiple programs at the same time is called _____.
- (a) multi-tasking
 - (b) multi-processing
 - (c) multi-operating
 - (d) multi-paging
 - (e) multi-driven
15. Which of the following can't spread virus?
- (a) An e-mail with attachment
 - (b) A plain text mail
 - (c) Downloading files over the web
 - (d) Files from pen drive
 - (e) None of the above
16. QWERTY is used with reference to _____.
- (a) Plotter
 - (b) Printer
 - (c) Mouse
 - (d) Keyboard
 - (e) Monitor
17. _____ is known as unauthorized access into others system.
- (a) Hacking
 - (b) Encryption
 - (c) Decryption
 - (d) Decoding
 - (e) None of the above

18. What does HTTP stands for?

- (a) Hypertext Transfer Protocol
- (b) Hypertext Transfer Plotter
- (c) Head Tail Transfer Plotter
- (d) Head Tail Transfer Protocol
- (e) None of these

19. Which of the following is responsible for the management and coordination of activities and the sharing of the resources of the computer?

- (a) Application Software
- (b) Motherboard
- (c) Operating System
- (d) Ports
- (e) Connector

20. The _____ cells involve creating a single cell by combining two or more selected cells.

- (a) Splitting
- (b) Formatting
- (c) Embedding
- (d) Merging
- (e) None of the above

21. _____ software allows users to perform calculation on rows and columns of data.

- (a) Word Processing
- (b) Assembly Language
- (c) Presentation Graphic
- (d) Electronic Spreadsheet
- (e) Database Management System

22. A program that performs a useful task while simultaneously allowing destructive acts is _____.

- (a) Worm
- (b) Trojan Horse
- (c) Virus
- (d) Malware
- (e) None of the above

23. When a logic bomb is activated by a time-related event, it is known as a _____.

- (a) Time-related bomb sequence
- (b) Virus
- (c) Time bomb
- (d) Trojan Horse
- (e) Worm

24. _____ is the measurement of things such as fingerprints and retinal scans used for security access.
- (a) Biometrics
 - (b) Biomeasurement
 - (c) Computer security
 - (d) Smart weapon machinery
 - (e) Fingerprint
25. Time during which a job is processed by the computer is _____.
- (a) Real Time
 - (b) Delay Time
 - (c) Execution Time
 - (d) Waiting Time
 - (e) Instruction Time

SECTION B (50 Marks)

Instructions: This section consists of **THREE (3)** questions. Answer any **TWO (2)** questions in the answer booklet provided. All questions carry equal marks.

Question 1

- (a) Distinguish between *System Software* and *Application Software*. (6 marks)
- (b) Identify **THREE (3)** types of system busses. (3 marks)
- (c) Describes **FOUR (4)** types of Input. (8 marks)
- (d) Distinguish between *storage medium* and *storage device*. (4 marks)
- (e) Identify **THREE (3)** types of Output. (4 marks)

Question 2

- (a) Expand the *acronyms* below: (9 marks)

Mapping of Organization Structure with types of Information System		
Organization Structure	Acronym	Expand
Top Management	ESS	
	GDSS	
	CSCW	
Middle Management	ES	
	DSS	
	MIS	
Low Management	KWS	
	OAS	
Operational Management	TPS	

- (b) Identify **FOUR (4)** function of spreadsheet. (4 marks)
- (c) Describe **FIVE (5)** types of information display in multimedia presentation. (10 marks)
- (d) Define the term *Database*. (2 marks)

Question 3

- (a) Describe **THREE (3)** main types of viruses. (9 marks)
- (b) Describe **FOUR (4)** laws design to protect information piracy. (8 marks)
- (c) Identify **FOUR (4)** types of safeguard against unauthorized access and uses. (4 marks)
- (d) Describe **TWO (2)** types of safeguard against system failure. (4 marks)

SECTION C (25 Marks): Compulsory Question

Instructions: This section consists of ONE (1) question. Answer ONE (1) compulsory question. in the answer booklet provided.

Question 1

- (a) Describe **FOUR (4)** types of tests by system developers. (8 marks)
- (b) Describe **THREE (3)** possible solutions recommend by system analyst. (6 marks)
- (c) Describe **FIVE (5)** techniques of data and information gathering method. (11 marks)

THE END

