



FINAL
Examination Paper

(COVER PAGE)

Session : August 2015

Programme : Foundation in Business Information Technology (CFPI)

Course : CSC1208: Basic Computing

Date of Examination : 10th December 2015 (Thursday)

Time : 8:00am – 10:00am Reading Time : Nil

Duration : 2 Hours

Special Instructions :

Section A : This section consists of **25** questions. Answer **ALL** questions in the OMR sheet provided.

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

IMPORTANT NOTE : THIS PAPER SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL

Materials permitted :
Nil

Materials provided :
Nil

Examiner(s) : Mr. Eric Cheah Chin Soon

Moderator : Dr. Raja Ahmad Islandar

*This paper consists of **8** printed pages, including the cover page.*

INTI INTERNATIONAL COLLEGE PENANG

FOUNDATION IN BUSINESS INFORMATION TECHNOLOGY (CFPI)

CSC1208: BASIC COMPUTING

FINAL EXAMINATION: AUGUST 2015 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. The series of instructions that tells a computer what tasks to perform and how to perform them is called a _____.

- (a) command
- (b) program
- (c) user response
- (d) dialog box
- (e) user interface

2. A(n) _____ mouse uses devices that emit and sense light to detect the mouse's movement.

- (a) mechanical
- (b) wheel
- (c) cordless
- (d) optical
- (e) virtual

3. Because of their reasonable cost and letter quality print, _____ printers have become the most popular type of colour printers for home users.

- (a) thermal
- (b) line
- (c) ink jet
- (d) laser
- (e) dot matrix

4. A storage medium, also called _____, is the physical material on which a computer keeps data, instructions, and information.

- (a) secondary storage
- (b) cloud storage
- (c) firmware
- (d) online storage
- (e) Pointer

5. A _____ is a small program that tells the operating system how to communicate with a specific device.

- (a) buffer
- (b) driver
- (c) performance monitor
- (d) boot disk
- (e) kernel

6. Doing business on the internet is called _____.

- (a) Surfing
- (b) Spam
- (c) Groupware
- (d) E-Commerce
- (e) Collaborative

7. _____ is a small sheet of film, usually about 4 x 6 inches and can be used to store microscopic images of documents.

- (a) Acetate
- (b) Polaroid
- (c) Microfiche
- (d) Floppy disk
- (e) None of above

8. _____ is/are unsolicited e-mail or newsgroup posting sent to recipients or newsgroups and it is the Internet form of junk mail.

- (a) E-cards
- (b) Spam
- (c) Texting
- (d) Postings
- (e) computer not able to start up

9. Which of the following programs is NOT considered as utility?

- (a) Web browser
- (b) Disk manager
- (c) Backup utility
- (d) Firewall
- (e) Antivirus

10. Which of the following applications requires accounting software?

- (a) Business
- (b) Education
- (c) Entertainment
- (d) Communications
- (e) None of the above

11. 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

12. 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

13. Which of the following devices is NOT a pointing device?

- (a) Mouse
- (b) Keyboard
- (c) Touchpad
- (d) Stylus
- (e) Trackball

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

- (a) Antivirus
- (b) Encryption
- (c) Activation key
- (d) Recovery utility
- (e) Authentication

15. 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

16. 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

17. A _____ is a duplicate of a file, program, or disk that can be used if the original is lost, damaged or destroyed.

- (a) offsite
- (b) onsite
- (c) backup
- (d) defragmentation
- (e) storage

18. The computer can read and write on the following optical discs EXCEPT _____.

- (a) DVD-RW
- (b) DVD+RW
- (c) DVD+RAM
- (d) DVD-ROM
- (e) CD-RW

19. A computer program that is capable of duplicate itself on infected computer, consuming computer resources and sending copies to other computers via network is called _____.

- (a) Adware
- (b) Rootkit
- (c) Spyware
- (d) Trojan Horse
- (e) Worms

20. Which of the following is NOT a measure of storage capacity?

- (a) Kilobyte
- (b) Megabyte
- (c) Gigabyte
- (d) Terabyte
- (e) Pratabyte

21. A collection of computers and devices connected together, often wirelessly, via communications devices and transmission media is called a _____.

- (a) workgroup
- (b) client
- (c) newsgroup
- (d) network
- (e) groupware

22. A head crash occurs in the hard disk when _____.

- (a) the read / write head arms can access all the platter in a cylinder
- (b) the platters in the hard disk is over rotated
- (c) the read / write head touches the surface of a platter
- (d) Both (B) and (C)
- (e) Both (A) and (C)

23. Which of the following is NOT a biometric authentication characteristic?

- (a) finger
- (b) voice
- (c) thumb
- (d) iris
- (e) pin number

24. Which of the following is NOT a type of job in the computer industry?

- (a) software developer
- (b) IT professionals
- (c) Computer lecturer
- (d) Mathematician
- (e) None of the above

25. Which of the following is NOT true explaining system failure?

- (a) Loss of hardware
- (b) Loss of software
- (c) Malfunction of computer
- (d) Overvoltage
- (e) None of the above

SECTION B (75 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)
- (c) Identify **FIVE (5)** types of basic components on the motherboard. (5 marks)

Question 2

- (a) Identify and briefly explain **FIVE (5)** types of printers. (10 marks)
- (b) Describe **THREE (3)** basic types of memory in computers. (9 marks)

Question 3

(a) By using a diagram explain the program development life cycle in the correct sequence.
(7 marks)

(b) Explain the following:

- i) Hardware theft
- ii) Hardware vandalism
- iii) Software theft

(6 marks)

(c) Explain the following:

- i. Virus
- ii. Worm
- iii. Trojan horse

(6 marks)

(d) Explain in details the definition of information privacy.

(6 marks)

Question 4

(a) List the **FIVE (5)** common types of storage medium.

(5 marks)

(b) Convert the following from binary to decimal.

- i. 1000 1000
- ii. 0011 0010
- iii. 0101 0001
- iv. 1001 0011
- v. 0110 1000

(10 marks)

(c) List the **SIX (6)** categories of computers.

(6 marks)

(d) Specify the criteria that are used to determine the categories of computers.

(4 marks)

