



FINAL
Examination Paper

(COVER PAGE)

Session : January 2014

Programme : Diploma In Hotel Management (DHMN)
Diploma Culinary Arts (DCA)

Course : DHM1100 : Information Systems

Date of Examination : March 13, 2014 (Thursday)

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

Duration : 2 Hours

Special Instructions :

Section A : TWENTY (20) Multiple Choice questions. Answer ALL questions.

Section B : Answer THREE (3) out of FOUR (4) questions.

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

Materials permitted : Nil

Materials provided : OMR Sheets

Examiner (s) : Mr Light Lau Teng Lye

Moderator : Ms Robina Tinawin

This paper consists of 5 printed pages, including the cover page.

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DHM1100: APPLICATIONS OF COMPUTERS
FINAL EXAMINATION: JANUARY 2014 SESSION**Section A**

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

- 1) A record contains _____.
 - (A) characters, a character contains files and file is made up of records
 - (B) fields, a field contains characters and character is made up of file
 - (C) record contains characters and character is made up of fields
 - (D) fields and field is made up of characters
 - (E) records and record is made up of characters

- 2) In an Instant Messaging application, which of the following devices is needed?
 - (A) joystick
 - (B) Light pen
 - (C) microphone
 - (D) Both (a) and (b)
 - (E) Both (b) and (c)

- 3) Which of the following symbol is normally uses to hide the user password?
 - (A) ****
 - (B) @@@
 - (C) \$\$\$
 - (D) %%%
 - (E) None of the above

- 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 program that performs a useful task while at the same time carrying out some secret destructive act is called _____.
 - (A) worms
 - (B) logs
 - (C) macro
 - (D) cookies
 - (E) trojan horse

- 6) A banking institution may use which of the following computer, _____.
 - (A) KIOSK
 - (B) Workstation
 - (C) Mid-range
 - (D) Mainframe
 - (E) Desktop

- 7) In Spreadsheet program, chart that identifies patterns used for each data series is a _____.
(A) Axis
(B) Data point
(C) Legend
(D) Plot
(E) Range
- 8) _____ consists of the trading of products or services over the Internet networks.
(A) Multimedia commerce
(B) m-Commerce
(C) Advanced business
(D) Multidimensional
(E) E-commerce
- 9) The unique address of a file on the Internet network is called _____.
(A) HTML
(B) XML
(C) XHTML
(D) CSS
(E) URL
- 10) In a _____, computer resources such as hardware, programs, information, people, and procedures) are normally not share.
(A) single user system
(B) multi user system
(C) stand-alone system
(D) mobile user system
(E) None of the above
- 11) Software written especially for a trail period of time is called _____.
(A) freeware
(B) firmware
(C) custom software
(D) shareware
(E) None of the above
- 12) The physical equipment which data are presented to computer user is known as _____.
(A) input device
(B) output device
(C) processor
(D) storage device
(E) None of the above
- 13) The physical equipment which keep data or information for future use is known as _____.
(A) input device
(B) output device
(C) processor
(D) storage device
(E) None of the above

- 14) Benefits of using Spreadsheet program are:
- (A) Save time
 - (B) Recalculate data automatically
 - (C) Allow users to create graphics from data set
 - (D) Summarize data set
 - (E) All of the above
- 15) A specific detail of an individual entity that is stored in a database is known as ____.
- (A) data item
 - (B) field
 - (C) characters
 - (D) record
 - (E) file
- 16) A computer program that is capable of duplicating itself on infected computer, consuming computer resources and sending copies to other computers via network is called ____.
- (A) worm
 - (B) bacteria
 - (C) anti-virus
 - (D) virus
 - (E) trojan horse
- 17) A real-time Internet communications service that notifies you when one or more people are online and then allows you to exchange messages or files is known as ____.
- (A) instant messaging
 - (B) e-mail
 - (C) voice mail
 - (D) news group
 - (E) electronic data interchange
- 18) Network that connects local area networks in city of city area is known as ____.
- (A) Metropolitan Area Network (MAN)
 - (B) Wide Area Network (WAN)
 - (C) Personal Area Network (PAN)
 - (D) Local Area Network (LAN)
 - (E) None of the above
- 19) Which of the following are Physical Transmission Media in telecommunication?
- (A) Twisted Pair Cable
 - (B) Fiber Optic Cable
 - (C) Satellite
 - (D) Both (A) & (B)
 - (E) Both (A) & (C)
- 20) Computers represent data in code, 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

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) Explain **FIVE (5)** ethics issues of computer technology in our society. (10 marks)
- (b) Explain **FIVE (5)** elements in an information system. (10 marks)

Question 2

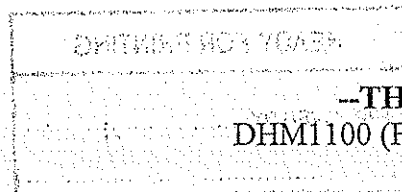
- (a) Explain **FIVE (5)** types of procedures involved in Information System. (10 marks)
- (b) Give **FIVE (5)** suggestions to prevent virus infection in computer system. (5 marks)
- (c) Differentiate between Intranet and Extranet. (5 marks)

Question 3

- (a) Identify and explain **FIVE (5)** types of telecommunication devices in networking. (10 marks)
- (b) Explain **FOUR (4)** types of network topologies with their disadvantage. (10 marks)

Question 4

- (a) Identify and explain **FIVE (5)** types of Web applications. (10 marks)
- (b) Explain **FOUR (4)** types of conversion strategies and their disadvantage in Software Development Life Cycle. (10 marks)



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