UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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SUBJECT NAME	:	INTRODUCTION TO INFORMATION TECHNOLOGY
SUBJECT CODE	:	DIT 1053
COURSE	:	1 DIT
EXAMINATION DATE	:	NOVEMBER 2009
DURATION	:	2 HOURS AND 30 MINUTES
INSTRUCTION	:	ANSWER ALL QUESTIONS IN PART A AND B AND **THREE (3)** QUESTIONS ONLY IN PART C.

THIS PAPER CONTAINS OF 8 PAGES

PART A

Instruction: Choose the **best** answer.

Q1   A flowchart is used to _____ .

      A.   plan the path for a solution
      B.   help a programmer to visualize the process of problem solving
      C.   see the logic towards problem solving
      D.   see the method used in problem solving

Q2   The smallest unit of data is _____ .

      A.   byte
      B.   megabyte
      C.   bit
      D.   kilobyte

Q3   A _____ is used to enter data.

      A.   keyboard
      B.   scanner
      C.   bar code
      D.   all of the above

Q4   PASCAL is a _____ .

      A.   programmer
      B.   programming language
      C.   strategy in management science
      D.   modem

Q5   The following path is recommended to solve a computer programming problem:

      A.   flowchart, coding, compiling.
      B.   compile and RUN.
      C.   flowchart, RUN, coding, recoding.
      D.   pseudo code, flowchart, RUN.

Q6   Copyright issues are a very serious matter in computer world because _____.

    A.   it protects an intelligent property
    B.   it is an academic matter
    C.   it protects some one's livelihood
    D.   it encourages plagiarism

Q7   External hard disk is _____,

    A.   used to accommodate more data from a multimedia project
    B.   a form of backup storage in view of unexpected computer failures
    C.   getting cheaper each year because of technology advancement
    D.   all of the above are true

Q8   The year before 1970's is a period when _____ .

    A.   COBOL and FORTRAN were commonly used in the universities.
    B.   JAVA language was used extensively in the computer industry
    C.   internet programming language was born
    D.   C++ was introduced

Q9   One of the followings is NOT available in the information system pyramid.

    A.   Middle management
    B.   Executive management
    C.   Decision making management
    D.   Stock management

Q10   A bigger RAM in your notebook will ensure all these **EXCEPT** _____.

    A.   you can download a movie much faster
    B.   you can communicate with your friends using FACEBOOK at anytime
    C.   you can compile your computer program much faster
    D.   you can protect your personal ID more effectively

Q11 Which of the following factors is considered **NOT** critical in buying a notebook?

    A.   Memory size.
    B.   Mouse.
    C.   A well established computer shop.
    D.   Price.

Q12 Which of the following could be the reason why your internet is not working?

    A.   There is no communication line between your PC and IP Provider.
    B.   There is a telephone cable.
    C.   Technical problem with your keyboard.
    D.   You are short of technical experience.

Q13 An educational CD is a type of _____.

    A.   programming application
    B.   multimedia application
    C.   software engineering application
    D.   information system application

Q14 Uploading intimate pictures using FLICKER is not advisable because of _____.

    A.   copy right laws
    B.   infringement laws
    C.   anti plagiarism
    D.   intruding one's personal rights

Q15 A database is _____.

    A.   a collection of records
    B.   a collection of files
    C.   a collection of information
    D.   all of the above

Q16   Transcountry (M) Sdn Bhd could issue any bus ticket at any time because _____.

    A.   its database is online
    B.   it has many buses nation wide
    C.   it has many ever ready drivers
    D.   the ticket is affordable

Q17   One of these Microsoft generic software can be used to process examination marks.

    A.   Publisher
    B.   Word
    C.   Outlook
    D.   Excel

Q18   The symbol "=" used in Microsoft Excel environment is to indicate that _____.

    A.   you are calling a calculator to function in Microsoft Excel
    B.   you are calling an internet facility to help you in data processing
    C.   you need multimedia elements in data processing
    D.   you are a very up-to-date mathematics IT student

Q19   An attachment was sent to your supervisor via internet. Suddenly you lost your job the next day. The best possibility that explain this is _____ .

    A.   you send him an article from the opposition parties in politics
    B.   you send him five reasons why your pay should be increased five times more than last year
    C.   you send that confidential document through the line to your competitor as well
    D.   you sent the confidential document with incorrect reference number

Q20   One of the most demanding jobs in the computer industry **EXCEPT** _____ .

    A.   programmer
    B.   trouble shooter
    C.   system analyst
    D.   data executive

Q21 _____ controls all the financial aspect of a computer firm .

    A.   A General Manager
    B.   An Accountant
    C.   A System Analyst
    D.   A Web Master

Q22 Your computer program runs and never stops printing a bill. The likely causes are all the following **EXCEPT** _____.

    A.   cheap computer system was used
    B.   inexperienced programmer was employed
    C.   programming bug
    D.   logic problem

Q23 A modem is used to _____.

    A.   convert digital to analog data
    B.   convert digital to analog signals
    C.   convert analog to digital signals
    D.   modulate and demodulate communication signals

Q24 The minimum academic qualification of a network engineer is _____.

    A.   PhD in Information Technology
    B.   Masters in Information Technology
    C.   Degree in Information Technology
    D.   Diploma in Information Technology

Q25 'Mailmerge' in Microsoft Word is used by _____.

    A.   merging words with addresses
    B.   merging words with Microsoft Excel
    C.   merging words with database
    D.   merging words with Yahoo

PART B

Instruction: Answer ALL Questions.

Q26 Given the following **Table 1**.

Table 1

Item	Function	Attributes
a) thumb drive	To store personal data	Cheap and handy to carry
b) external hard disk		
c) broadband		
d) laser printer		Expensive

Fill up the blank spaces in **Table 1.**

(5marks)

Q27 Give **TWO (2)** reasons why it is advisable to get a common operating system.

(4 marks)

Q28 Your notebook suddenly stalled. Give **TWO (2)** possible ways to solve this.

(2 marks)

Q29 Give **FOUR (4)** reasons why younger generation is hooked to computer games.

(4 marks)

PART C

Instruction: Answer any **THREE (3)** questions **ONLY**.

Q30   Draw the information system pyramid and discuss it using appropriate examples.

(20 marks)

Q31   Explain each of the following terms:

(i)   ROM (read only memory)
(ii)   Computer back up
(iii)   Super computer highway
(iv)   User friendly system
(v)   User interface
(vi)   Upgrading your computer memory
(vii)   Computer virus
(viii) RAM
(ix)   DVD
(x)   Blue ray

(20 marks)

Q32   Write a brief history of computer technology between the year span as follows.

(i)   1950 - 1990
(ii)   1991 - 2009

(20 marks)

Q33   Write **TWO(2)** major differences between the following technologies:

(i)   IBM and Apple
(ii)   Stand alone computer and BUS topology computer network
(iii)   Wifi and Bluetooth

(20 marks)