BRAINWARE UNIVERSITY
Term End Examination 2020 - 21
Programme – Bachelor of Science (Honours) in Advanced Networking & Cyber Security
Course Name – Computer Fundamentals
Course Code - BNCSC101
Semester / Year - Semester I

Time allotted : 75 Minutes

Full Marks : 60

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)   1 x 60=60

1.   *(Answer any Sixty)*

(i) An entire path name, consisting of several sub-directory names can contain up to

a) 13 character

b) 36 character

c) 63 character

d) 53 character

(ii) Which of the following is a part of the Central Processing Unit?

a) Printer

b) Desktop

c) ALU

d) Mouse

(iii) 1 Byte = how many bits?

a) 4 Bits

b) 8 Bits

c) 2 Bits

d) 16 Bits

(iv) ASCII stands for

a) American Stable Code For International Interchange

b) American Standard Case For Institutional Interchange

c) American Standard Code For Interchange Information

d) American Standard Code For Information Interchange

(v) The NOR Gate is OR Gate followed by

a) AND GATE

b) NAND GATE

c) NOT GATE   d) none of these

(vi) The boolean expression of an OR gate is _____
   a) a.b   b) a'b+ab'
   c) a+b   d) a'b'

(vii) The gate which is used to reverse the output obtained is _____
   a) NOR   b) NAND
   c) EXOR   d) NOT

(viii) Which of the following gate will give a 0 when both of its inputs are 1?
   a) AND   b) OR
   c) NAND   d) EXOR

(ix) The BCD number for decimal 347 is _____.
   a) 1100 1011 1000   b) 0011 0100 0111
   c) 0011 0100 0001   d) 1100 1011 0110

(x) The Binary equivalent of Octal 45 is
   a) 100010   b) 100101
   c) 110101   d) 100100

(xi) Convert 59.72 to BCD
   a) 111011   b) 1011001.0111001
   c) 1110.11   d) 101100101110010

(xii) Convert Decimal 15 to Binary
   a) 1111   b) 10111
   c) 10001   d) 11011

(xiii) Convert Hexadecimal value C1 to binary

a) 11000001

b) 1000111

c) 111000100

d) 111000001

(xiv) EBCDIC stands for

a) Extended Binary Coded Decimal Interchange Code

b) Extended Bit Code Decimal Interchange Code

c) Extended Bit Case Decimal Interchange Code

d) Extended Binary Case Decimal Interchange Code

(xv) CAD stands for

a) Computer aided design

b) Computer algorithm for design

c) Computer application in design

d) Computer analogue design

(xvi) Where are data and programme stored when the processor uses them?

a) Main memory

b) Secondary memory

c) Disk memory

d) Programme memory

(xvii) .... represents raw facts, where-as................ is data made meaningful.

a) Information, reporting

b) Data, information

c) Information, bits

d) Records, bytes

(xviii) What characteristic of read-only memory (ROM) makes it useful?

a) ROM information can be easily updated

b) Data in ROM is non-volatile, that is, it remains there even without electrical power.

c) ROM provides very large amounts of inexpensive data storage

d) ROM chips are easily swapped between different brands of computers.

(xix) BCD is

a) Binary Coded Decimal

b) Direct Memory Access

c) Binary Coded Digit   d) Bit Coded Digit

(xx) Chief component of first generation computer was

    a) Transistors   b) Vacuum Tubes and Valves

    c) Integrated Circuits   d) None of these

(xxi) EEPROM stands for

    a) Electrically Erasable Programmable   b) Easily Erasable Programmable Read
    Read Only Memory   Only Memory

    c) Electronic Erasable Programmable Read   d) None of these
    Only Memory

(xxii) An area of a computer that temporarily holds data waiting to be
processed is..........

    a) CPU   b) Memory

    c) Storage   d) File

(xxiii) What kind of memory is both static and non -volatile?

    a) RAM   b) ROM

    c) BIOS   d) CACHE

(xxiv) If a 3-input AND gate has eight input possibilities, how many of those
possibilities will result in a high output?

    a) 1   b) 2

    c) 4   d) 8

(xxv) .... translates and executes program at run time line by line

    a) Compiler   b) Interpreter

    c) Linker   d) Loader

(xxvi) Which of the following are the functions of a operating system?

a) Allocates resources   b) Monitors Activities

c) Manages disks and files   d) All of above

(xxvii) The primary function of the .... is to set up the hardware and load and start an operating system

a) System Programs   b) BIOS

c) CP   d) Memory

(xxviii) . ... is computer software designed to operate the computer hardware and to provide platform for running application software

a) Application software   b) System software

c) Operating system   d) All of these

(xxix) Primary key should be chosen such that its attribute values are

a) Updated   b) Dependent

c) Changed   d) Never Changed

(xxx) Which one of the following is a set of one or more attributes taken collectively to uniquely identify a record?

a) Candidate Key   b) Sub Key

c) Super Key   d) Foreign Key

(xxxi) Minimal of superkey are called

a) Unique Key   b) Superset Key

c) Candidate Key   d) Primary Key

(xxxii) Which key is used to make relations between two tables?

a) Foreign   b) Primary

c) Candidate   d) Composite

(xxxiii) A collection of related data

a) Information   b) Valuable information

c) Database   d) Metadata

(xxxiv) DBMS manages the interaction between _____ and database.

a) Users   b) Clients

c) End Users   d) Stake Holders

(xxxv) Which of the following is not involved in DBMS?

a) End Users   b) Data

c) Application Request   d) HTML

(xxxvi) Physical or logical arrangement of network Is _____

a) Topology   b) Routing

c) Networking   d) None Of These

(xxxvii) Data communication system within a building or campus is_____

a) LAN   b) WAN

c) MAN   d) TAN

(xxxviii) In which topology there is a central controller or hub?

a) Bus   b) Ring

c) Star   d) Mesh

(xxxix) A serially connected system of all the hubs of networks.

a) Bus   b) Ring

c) Daisy Chains   d) Star

(xl) Which command be used to clear the screen and display the operating system prompt on the first line of the display?

a) cd   b) md

c) Rename   d) cls

(xli) Which command is used to copy files?

    a) Copy   b) Disk copy

    c) Type   d) all of these

(xlii) Which command is used to get the current date only?

    a) Date   b) Time

    c) Second   d) all of these

(xliii) DIR command is used to

    a) Display a list of files and directory in a current directory   b) Display a list of directory in a directory

    c) Display type of files in a sub directory   d) Display type of files in a sub directory

(xliv) xcopy command can copy

    a) individual files or group of files   b) directories including subdirectories

    c) to diskette of a different capacity   d) all of these

(xlv) Which function key needs to be press during reboot to enter in Safe Mode of a Windows machine?

    a) F8   b) F2

    c) F1   d) F9

(xlvi) Which key combination is used to minimize all open windows and displays in the screen?

    a) Alt+M   b) Shift+M

    c) Windows Key+D   d) CTRL+D

(xlvii) Which one is the default 'Word Processor' for Microsoft Windows?

    a) MS Word   b) Ms Paint

    c) WordPad   d) Notepad

(xlviii) Which key combination is used to permanently delete a file or folder?

    a) Shift+delete   b) Alt+delete

    c) CTRL+delete   d) Delete

(xlix) Which file is the batch file that is read while booting a computer?

    a) Autoexec.bat   b) Auto-batch

    c) Autoexecutive.bat   d) Auto.bat

(l) Which item appears dimly behind the main body text

    a) Water Color   b) Background

    c) Watermark   d) Back Color3

(li) Which feature starts a new line whenever a word or sentence reached a border

    a) Text Line   b) New Line

    c) Text Wrapping   d) Text Align

(lii) The direction of a rectangular page for viewing and printing is called

    a) Orientation   b) Direction

    c) Print Layout   d) Preview

(liii) What item contains detailed information about something in the text?

    a) Footer   b) Foot Note

    c) Header   d) Head Note

(liv) What type of chart is useful for comparing values over categories?

    a) Pie Chart   b) Column Chart

    c) Line Chart   d) Dot Graph

(lv) Statistical calculations and preparation of tables and graphs can be done using

a) Adobe Photoshop   b) Excel

c) Notepad   d) Power Point

(lvi) Which one is not a Function in MS Excel?

a) SUM   b) AVG

c) MAX   d) MIN

(lvii) Functions in MS Excel must begin with ___

a) An ()   b) An Equal Sign

c) A Plus Sign   d) A > Sign

(lviii) In Excel, Columns are labelled as

a) A, B, C, etc   b) 1,2,3 etc

c) A1, A2, etc   d) A1, A2, etc.

(lix) The ____ feature of MS Excel quickly completes a series of data

a) Auto Complete   b) Auto Fill

c) Fill Handle   d) Sorting

(lx) Which of the following section does not exist in a slide layout?

a) Titles   b) Lists

c) Charts   d) Animations