

PARUL UNIVERSITY
FACULTY OF AGRICULTURE
B.Tech. Dairy Technology Summer 2018 - 19 Examination

Semester: 2
Subject Code: 20104153
Subject Name: Computer and Application Software Packages

Date: 17/04/2019
Time: 02:00pm to 04:00pm
Total Marks: 50

Instructions

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1

A) Fill in the blanks (Each of 0.5 Mark) (05)

- i) OMR stands for _____.
- ii) Shortcut Key for Copy the Content from Microsoft word _____.
- iii) ctrl+z in Microsoft word means _____
- iv) ctrl+f in excel means _____.
- v) ctrl+a means _____
- vi) ctrl+p means _____
- vii) 1 KB means _____ Bytes.
- viii) The Smallest unit of Memory is _____.
- ix) Latest Version of Windows OS is _____.
- x) IP V4 address is _____ bits.

B) Multiple Choice Questions (Each of 0.5 Mark) (10)

- i) A bar code reader is an example
a) processing device b) storage device c) Input Device d) Output Device
- ii) In MICR, C stands for
a) code b) color c) Character d) Computer
- iii) An example of peripheral equipment is
a) CPU b) ALU c) Printer d) Spreadsheet
- iv) Which of the following is not hardware?
a) Processor chip b) Mouse c) Printer d) Java
- v) Which of the following are computers that can be carried around easily?
a) Mini Computer b) Super Computer c) PC d) Laptop
- vi) Which of the following is not a binary number?
a) 101001 b) 1001 c) 101010 d) 1001201

- vii) A bar code reader is an example
a) processing device b) storage device c) Input Device d) Output Device
- viii) Which of the following is an octal number?
a) 916 b) 1863 c) 5732 d) 8382
- ix) Which among the following is a Super computer series developed by Indian scientists?
a) Param b) Super301 c) Compaq Presario d) Cray YMP
- x) MS PowerPoint is software of _____.
a) Apple b) Google c) Face book d) Microsoft
- xi) A list of rules for transferring data over a network is called._____
a) Protocol b) Program code c) Algorithms d) None of these
- xii) Which of the following memory is non-volatile?
a) RAM b) ROM c) DRAM d) SRAM
- xiii) Which of the following is the organized collection of large amount of interrelated data stored in a meaningful way used for manipulation and updating?
a) Database b) File c) Folder d) None of these
- xiv) For creating a document, you use _____ Command at File Menu.
a) open b) close c) new d) save
- xv) _____Command we can use to close the windows.
a) Alt + F1 b) Alt + F2 c) Alt + S d) Alt + F4.
- xvi) Documents converted to _____ can be published to the Web.
a) A Doc File b) HTML c) http d) Machine Language
- xvii) Which one is the result of the output given by a computer
a) Data b) Information c) Instruction d) None of these
- xviii) Name of the screen that recognizes touch input is:
a) Recog screen b) Touch screen c) Point Screen d) None of These
- xix) Starting or restarting the computer is called
a) Boot b) Exit c) Kick d) Kickstart
- xx) Which of the following is the coding language used to create documents for use on the Internet?
a) HTML b) HSTM c) HLTM d) All of these

Q.2**A) Define the following (Any five out of seven questions) (05)**

- (1) Write Full Form of WWW.
- (2) List out the Different kind of operating System.
- (3) List out the Capabilities of Computer System.
- (4) Write Down 2 Output Devices for Computer System.
- (5) Write Full Form of MAN.
- (6) What do you mean by Super computer?
- (7) Draw the Von-Neumann Architecture of Computer.

B) Answer the following (Any five out of seven questions) (05)

- (1) Write down the Shortcut key for Paste the contents in the word document.
- (2) Write down the full form of IP.
- (3) Differentiate Between CD and DVD.
- (4) Explain CPU.
- (5) Write down the full form of OSI.
- (6) Write down the 1's complement of $(+5)_{10}$.
- (7) Write down the full form of GB.

Q.3 Write Short notes (Any five out of six questions) (10)

- (1) Differentiate Between RAM and ROM.
- (2) List Down the Characteristics of Computer.
- (3) What are the Duties of Operating System?
- (4) Explain the wired media types in the computer Network.
- (5) Explain Emails and its importance over communication.
- (6) Convert $(256)_8$ to $()_2$.

Q.4 Long Questions (Any three out of four questions) (15)

- (1) What is computer and also Explain the component of computer?
- (2) Write down the merits of 2nd Generation computer over 1st generation and demerits of 2nd Generation computer over 3rd generation computer.
- (3) Explain Database Management System and write three Benefits over File System.
- (4) What is network topology and also explain different topologies used in computer Network?