Seat No:_____   Enrollment No:_____

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE
B.Sc.(Hons.) Agriculture Winter 2017 - 18 Examination

Semester: 2   Date: 09/01/2018
Subject Code: 20111152   Time: 10:30am to 01:00pm
Subject Name: Introduction to Computer Application   Total Marks: 60

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 Do as Directed.

A. Fill in the blanks. (Each of 0.50 marks)   **(10)**

1. Hard disk drives and CD drives are examples of _____devices

2. MS-DOS is a_____ operating system.

3. When a computer is first turned on or restarted, a special type of absolute loader called ____ is executed

4. In _____OS, the response time is very crucial.

5. MS Office is a _____ Software

6. _____ are computer programs that are designed by attackers to gain root or administrative access to your computer.

7. _____ is the part of malware such as worms or viruses which performs the malicious action; deleting data, sending spam or encrypting data.

8. A simple protocol used for fetching e-mail from a mailbox is _____

9. Instruction retries from_____ through Microprocessor

10. The Third Stage In Designing A Database Is When We Analyse Our Tables More Closely And Create A _____ Between Tables

11. In A Database Table, The Category Of Information Is Called _____

12. To select one hyperlink after another during a slide presentation, Press _____

13. Devices which are used to receive data from central processing unit are _____ devices

14. Scanner is_____ Device

15. Special effects used to introduce slides in a presentation are _____

16. WWW is used for _____ Protocol

17. Maximum _____ length allowed for primary name of a computer file under DOS

18. The ability to combine name and addresses with a standard document is called _____

19. E-mail address is made up of _____

20. In _____ memory we keep for future use.

B. Multiple choice type questions. (Each of 0.50 mark)   **(10)**

1. Which of the following is not an example of hardware?
   a) Scanner   c) Printer
   b) Monitor   d) Interpreter

2. Which of the following could be a valid DOS file specification?

   a) NOSFILE.POST   c)NOSFILE.DOC

   b)NOSFILE.P.OS   d) NOST.FILEDOC

3. Branch of statistics which deals with development of particular statistical methods is classified as

   a)industry statistics   c) applied statistics

   b) economic statistics   d) mathematical statistics

4. The strength (degree) of the correlation between a set of independent variables X and a dependent variable Y is measured by
   a) Coefficient of correlation   c) Standard error of estimate
   b) Coefficient of Determination   d) All of the above

5 Correlation Coefficient values lies between
   a) -1 and +1
   b) 0 and 1
   c) -1 and 0
   d) None of These

6 In flow chart, diamond shaped symbol is used to represent
   a) decision box
   b) statement box
   c) error box
   d) if-statement box

7 Part of algorithm which is repeated for fixed number of times is classified as
   a) iteration
   b) Selection
   c) sequence
   d) reverse action

8 Internet Works on
   a) circuit switching
   b) packet switching
   c) Both a and b
   d) None of these

9 URL stands for
   a) unique reference label
   b) uniform reference label
   c) uniform resource locator
   d) unique resource locator

10 A bar that inform you the available options in your computer, opened applications, background running applications and can be used to switch between applications quickly is
   a) Menu bar
   b) Tool bar
   c) Status bar
   d) Task bar

Where can you find the horizontal split bar on MS Word screen?
   a) On the left of horizontal scroll bar
   b) On the right of horizontal scroll bar
   c) On the top of vertical scroll bar
   d) On the bottom of vertical scroll bar

12 Which of the following is not a font style?
   a) Bold
   b) Italics
   c) Regular
   d) Superscript

13 The minimum number of rows and Columns in MS Word documents is
   a) 1 and 1
   b) 2 and 1
   c) 1 and 2
   d) 2 and 2

14 Microsoft Access is a
   a) RDBMS
   b) OODBMS
   c) ORDBMS
   d) Network Database model

15 Which of the following is the type of software that has self-replicating software that causes damage to files and system?
   a) Viruses
   b) Trojan horses
   c) Bots
   d) Worms

16 When you insert an Excel file into a Word document, the data are
   a) Hyperlinked
   b) Linked
   c) Placed in a word table
   d) Embedded

17 Which Of The Following Is Not A Type Of Microsoft Access Database Object?
   a) Table
   b) Form
   c) Worksheets
   d) Modules

18 ME input in RAM is called
   a) mechanical engineer
   b) memory enabled
   c) memory erase
   d) mode erase

19 16x4 RAM indicates that each memory location is of
   a) 2 bits
   b) 4 bits
   c) 8 bits
   d) 16 bits

20 Which types of charts can excel produce?
   a) Line graphs and pie charts only
   b) Only line graphs
   c) Bar charts and line graphs only
   d) Bar charts, line graphs and pie charts

C. Give the sentence true or false. (Each of 0.50 mark)   **(05)**

Data can be a number, a word, a picture, or a sound.

2. Strictly defined, a computer is a data processing device.

3. The most common type of memory that the computer uses to process data is ROM.

4. Clicking on an icon with the mouse is a form of giving an instruction to the computer.

5. Under DOS .EXE is not an executable file.

6. Devices that accept data from outside computer and transfer into CPU are digital devices.

7. .wav format can be added to a power point show

8. In spread sheets the data organized in ROWS and COLUMNS.

9. RAM stands for Read access memory

10. DIR command is used to see the content of a specific file.

Q.2 Do as Directed.

A. Match group A with group B. (Each of 0.50 marks) (05)

	A		B
1)	Printer	a)	storage device
2)	Scanner	b)	output device
3)	RAM	c)	input device
4)	CPU	d)	a type of memory
5)	CD drive	e)	processor
6)	kilobyte	f)	one million bytes
7)	byte	g)	eight bits
8)	gigabyte	h)	one thousand bytes
9)	megabyte	i)	one billion bytes
10)	terabyte	j)	one trillion bytes

B. Define the following. (Any ten) (05)

1. What is virus?   2. Input Devices   3.   Flowchart   4. Algorithm 5. WWW
6. Web browser   7. Operating System   8. Application Software 9. System Software
10. GUI   11. Database 12. Data analysis

C. Answer the following. (Any ten) (10)

1.give example of data analysis tools   2. Full form of DOS.
3. list of input devices   4.   list of output devices
5. Use of CPU.   6.   Use of PowerPoint
7. Types of virus   8.   Define Trojan horse virus
9. how to protect from virus?   10. What is MS OFFICE in Computer
11. What is meant by one way ANOVA   12. What is Graph.

Q.3 Write short notes. (Any five) (10)
1. Computer Components
2. Flowchart with its symbols
3. Principle of Algorithm
4. Application Software
5. OS
6. DOS- attack

Q.4 Differentiate the following. (Any five) (05
1. RAM and ROM
2. Application software and System software
3. Flowchart and algorithm
4. Ms excel and Ms PowerPoint
5. Hardware and software
6. Input device and output device