

**MCA-01/PGDCA-01/M.SC.IT-01/MIT(CS)-101**

**Computer Fundamentals and PC Software/**

**Introduction to Computing**

Master/P.G.Diploma in Computer Application/

Master of science in information Technology/

Master of Science (Cyber Security)

(MCA/PGDCA/M.Sc.IT-11/12/16/17/MSCCS-18)

First Semester Examination 2019

Time : 3 Hours

Max. Marks 80

**Note : This paper is of Eighty (80) marks divided into three (03) sections A, B & C. Attempt the questions contained in these sections according to the detailed instruction given therein.**

**Section –A**

**(Long - Answer - Type question)**

Note : Section 'A' contains four (04) long-answer-type question of Nineteen (19) marks each.learners are required to answer any two(02) question only. (2x19=38)

1. Discribe the important features of various generations of computers. Give some example of computer for each generation.
2. What is an Operating System.Explain what are the key advantages of LINUX over Window. What are its dificiencies?

3. Write a LINUX shell script that takes exactly 3 filenames as arguments. In the first file, all lower case letters are changed to upper case. The second file is unchanged. In the third file, all upper case letters are changed to lower case. New files are created to hold these outputs.
4. (i) What are non-printing characters? Explain the different types of non-printing characters in MS Word?

## **Section – B**

### **(Short-Answer-Type Question)**

Note : Section 'B' contains eight(08) short answer type questions of Eight (08) marks each. Learners are required to Answer any four (04) Questions only. (4x8=32)

1. What are the main components of a computer? Explain each component in detail.
2. What is the purpose of providing registers in a CPU? Describe various registers which are usually provided in a microprocessor.
3. What is a "unibus system"? What are the advantages and disadvantages of using a unibus system?
4. What is cache memory? Explain the advantage of cache memory.
5. Explain any five features of a spreadsheet software.
6. Describe the pre-installation checks and information gathering that need to be carried out before installing LINUX on a computer.
7. What are different types of text alignment in MS-Word? Explain how to right align a paragraph.
8. Explain the steps involved to animate text and graphic objects in a power point presentation.

**Section –C**  
**(Objective-Type Question)**

Note : Section 'C' contains ten(10) objective- type questions of one (01) mark each. All the questions of this section are Compulsory. (10 x 1 = 10)

1. CD-ROM drive uses :
  - (a) Magnetic storage technique
  - (b) Solid storage technique
  - (c) Optical storage technique
  - (d) Electric storage technique
  
2. Which of the following devices can be used to input printed text.
  - (a) OMR
  - (b) OCR
  - (c) MICR
  - (d) All of the above
  
3. LILO is used for
  - (a) Creation of boot diskette
  - (b) Managing Linux network
  - (c) Multiboot
  - (d) Linux configuration
  
4. LINUX components include
  - (a) Kernel
  - (b) File system and user programs
  - (c.)Shell
  - (d) All of the above
  
5. In MS Word to repeat the last editing action press :
  - (a) F4
  - (b)Ctrl+y
  - (c)Both (a) and (b)
  - (d)None of the above

6. MS Word automatically places a default left aligned tab stop at every:

- (a) 0.2" (b) 0.3"  
(c) 0.4" (d) 0.5"

7. In MS Excel to email the current date press :

- (a) Ctrl+; (b) Ctrl+:  
(c) Shift+; (d) Alt+;

8. 1 Giga byte equal to

- (a).001 (b) .01 tera byte  
(c).0001 tera byte (d) None of the above

9. In MS Power Point which of the following views can you use to show just the slide and its contents

- (a) Normal (b) slide  
(c) Notes page (d) Slide Show

10. In MS Power Point what is defined by the handour master ?

- (a) Slide formatting  
(b) layout of audience handout notes  
(c) Both (a) & (b)  
(d) None of the above

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