

MCA–01/PGDCA–01/M.Sc. IT–01**Computer Fundamentals and PC Software**

Master of Computer Application/P. G. Diploma in
Computer Application/Master of Science in
Information Technology
(MCA/PGDCA/M.Sc. IT-11/12/16/17)

First Semester, Examination, 2018

Time : 3 Hours

Max. Marks : 80

Note : This paper is of **eighty (80)** marks containing **three (03)** Sections A, B and C. Learners are required to attempt the questions contained in these sections according to the detailed instructions given therein.

Section–A**(Long Answer Type Questions)**

Note : Section ‘A’ contains four (04) long answer type questions of nineteen (19) marks each. Learners are required to answer *two* (02) questions only.

1. Draw block diagram to illustrate the basic computer organization of a computer system and also explain the functions of various units.
2. What is the difference between single user and multiuser operating system ? Also explain the applicability of real time oipering system.

3. What are input and output devices of a Computer ? Explain all input, output devices used in computer system.
4. What do you mean by Computer Generation ? Explain all generation till date with their advantages and disadvantages.

Section–B

(Short Answer Type Questions)

Note : Section ‘B’ contains eight (08) short answer type questions of eight (8) marks each. Learners are required to answer *four* (04) questions only.

1. Explain magnetic disk, floppy disk and hard disk drive in brief.
2. Explain various options available in Home tab/menu of MS-Word.
3. Discuss the use of the following function of MS-Excel :
 - (a) COUNT ()
 - (b) SUM ()
 - (c) MAX ()
 - (d) ROUND ()
4. Write down the applications of MS-PowerPoint.
5. What is LINUX ? What are the application of LINUX ?
6. How will you perform following action in a table of MS-Word ? Create table, merging of cell, split cell.
7. How will you create chart in MS-Excel ? Write steps to create bar chart in MS-Excel.

8. Write short notes on the following :
- (a) Network Operating System
 - (b) Distributed Network Operating System

Section–C

(Objective Type Questions)

Note : Section ‘C’ contains ten (10) objective type questions of one (01) mark each. All the questions of this section are compulsory.

1. Dot Matrix is a type of :
 - (a) Printer
 - (b) Monitor
 - (c) LED
 - (d) None of the above
2. Which is secondary storage device ?
 - (a) Hard Disk
 - (b) RAM
 - (c) Cache Memory
 - (d) None of these
3. LINUX is :
 - (a) OS
 - (b) Application
 - (c) System
 - (d) None of these
4. A part located in the central processing unit that stores data and information is known as :
 - (a) PROM

- (b) EROM
 - (c) ROM
 - (d) None of these
5. Which option of ls command used to view file inode number :
- (a) -l
 - (b) -o
 - (c) -a
 - (d) -i
6. MS-Office is Application Software.
- (a) True
 - (b) False
7. The minimum number of rows and columns in MS-Word document is :
- (a) 1 and 1
 - (b) 2 and 1
 - (c) 1 and 2
 - (d) 2 and 2
 - (e) None of the above
8. Who is the father of personal computer ?
- (a) Edward Robert
 - (b) Allen Turing
 - (c) Charles Babbage
 - (d) None of these

9. Which of the following section does not exist in a slide layout ?
- (a) Titles
 - (b) List
 - (c) Charts
 - (d) Animation
10. Which is primary memory ?
- (a) ROM
 - (b) HDD
 - (c) Floppy Drive
 - (d) None of the above

