

Roll No.

BCA–03

Basic of OS and PC Software

Bachelor of Computer Application

(BCA-11/16/17)

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. What is an Operating System ? What are the major functions of Operating Systems ? Differentiate between Real Time Operating System and Batch Operating System.
2. Explain DOS. Differentiate between internal and external commands. Also write *five* internal and external commands with syntax.
3. Explain structure of file system in LINUX. Explain directory handling commands, file handling commands and utility command with their syntax and example.

(B-94) P. T. O.

4. Write down the steps for :
- (a) Creating new presentation in MS-PowerPoint.
 - (b) Applying design templates to MS-PowerPoint slide.
 - (c) Creating numerical table and calculating their sum in Microsoft Excel.
 - (d) Creating new documents, editing text, saving a document in Microsoft Word.

Section-B

(Short Answer Type Questions)

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

- 1. What are the difference between system software and application software ?
- 2. What is Process synchronization in OS ?
- 3. Explain the concept of booting in DOS.
- 4. What is vi editor in LINUX.
- 5. What is MS-Windows OS ? Explain the components of windows operating system.
- 6. Differentiate between single user and multi user operating system.
- 7. How can we insert row and column in the existing table in Microsoft Excel ?
- 8. Write steps to create a file in DOS.

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. Functions of Operating System are :
 - (a) Providing user interface

- (b) Running application
 - (c) Booting the computer
 - (d) All of the above
2. Command used for copying data in MS-Word is
- (a) ctrl + v
 - (b) shift + v
 - (c) ctrl + c
 - (d) shift + v
3. is used for undo.
- (a) ctrl + u
 - (b) ctrl + x
 - (c) ctrl + z
 - (d) ctrl + a
4. command is used to copy one or more files to alternate locations in DOS.
- (a) cpy
 - (b) copy
 - (c) ctrl + c
 - (d) ccopy
5. Never ending waiting state is known as.....
- (a) Failure
 - (b) System
 - (c) Deadlock
 - (d) None of the above

6. *cat* is an command.
 - (a) Directory handling
 - (b) File handling
 - (c) Utility
 - (d) None of the above
7. command is used for renaming file or directory in DOS.
 - (a) rename
 - (b) re-name
 - (c) changename
 - (d) None of the above
8. DOS stands for.....
 - (a) Direct Operating System
 - (b) Direct Operation System
 - (c) Disk Operating System
 - (d) Disk Operation System
9. is used to justify our text.
 - (a) ctrl + j
 - (b) ctrl + k
 - (c) ctrl + o
 - (d) ctrl + m
10. DOS is
 - (a) Single user OS
 - (b) Multiuser OS
 - (c) Both (a) and (b)
 - (d) None of the above