

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