BCA-03

Basic of OS and PC Software

Bachelor of Computer Application
(BCA-11/16/17)
1st Semester Examination June 2022

Time: 2 Hours   Max. Marks: 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

Section – A

(Long Answer – type questions)

Note: Section 'A' contains Five (05) long-answer-type questions of Twenty (20) marks each. Learners are required to answer any two (02) questions only.

[2 x 20 = 40]

Q.1.   Suppose we have a workbook of a Microsoft Excel with following details in different sheets named sheet1 and sheet2-:

P.T.O.

Sheet1

Roll No.	Name of Student	Subject	S1	S2	S3	S4
1	Raghav	Software Eng.	60	65	75	88
2	Ananya	Object Oriented Programming	65	70	80	75
3	Pari	DBMS	75	75	60	75
4	Siddarth	Web Tech.	78	80	75	85

Sheet2

Roll No.	Grand Tot	Percentage of Each Subject	Grade
1			
2			
3			
4			

Solve the following by using formula and fill the columns given in sheet2-:

(a) Calculate the grand total of sheet1 S1, S2, S3, S4 columns each in sheet2. (Specify the excel formula or function)

(b) Calculate the percentage of each subject. (Specify the excel formula or function)

P.T.O.

C-980   2

(c) Calculate the grade with following condition:

(i) If Percentage of each subject is greater then 80 then grade 'A+'

(ii) If Percentage of each subject is greater then 60 but less than 80, grade 'A'

(iii) If Percentage of each subject is greater then 50 but less than 60, grade 'B'

Q.2. What do you understand by mail merge? What are the basic steps in order to mail merge?

Q.3. What is LINUX file system? Briefly explain the structure of LINUX file structure.

Q.4. Explain the different mode of vi editor. Write the editing text commands or vi editor.

Q.5. What is the difference between GUI and CUI Operating system? Explain at least five functions of operating system.

P.T.O.

Section – B
(Short-answer-type questions)

Note: Section 'B' contains Eight (08) short-answer-type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only.

[4 x 10 = 40]

Q.1. Explain the following commands with example.

(i) pwd   (ii) chmod   (iii) mv

(iv) echo   (v) who

Q.2. Explain the following terms:

(i) Network operating system

(ii) Distributed operating system

Q.3. What is folder? Write the steps how you can create a new folder in Window.

Q.4. What is the difference between Animation and Transition?

Q.5. Define and show a neat diagram of the following term regarding the chart-

(a)   Legend

(b)   Data Label

P.T.O.

(c) Data table

(d) Titles

(e) Area Chart

Q.6. What do you mean by chart? Explain various types of charts in MS-EXCEL.

Q.7. Differentiate between the following terms used in Office Automation-

(a) Format and Format Printer

(b) Slide sorter and Slide Show Option

Q.8. Write similar commands of DOS with the following commands of UNIX in the table below.

UNIX COMMANDS	WRITE DOS COMMANDS AND ITS USE
mv	
mkdir	
lp	
rmdir	
vi	