

No. of Printed Pages : 4 **BCSL-013(Set-IV)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA) (REVISED)**

Term-End Practical Examination

December, 2024

**BCSL-013(Set-IV) : COMPUTER BASICS AND PC
SOFTWARE LAB**

Time : 2 Hours

Maximum Marks : 100

Note : (i) *There are **five** compulsory questions in this paper carrying 80 marks.*

(ii) *Rest 20 marks are for viva-voce.*

1. (a) Execute the following LINUX commands :

10

(i) `chmod`

(ii) `cp`

(iii) `date`

(iv) `find`

(v) `ls`

- (b) Make sub-directories 'RCI' and 'RCII' in your home directory. Delete the sub-directory RCII. 6
2. (a) Use a word processor to create a file containing information as per the following format : 10

Bachelor of Computer Application Year of launch : _____ Eligibility Criteria : _____ Semesterwise fee : <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1st Semester</td> <td style="width: 100px;"></td> </tr> <tr> <td style="padding: 5px;">2nd Semester</td> <td></td> </tr> <tr> <td style="padding: 5px;">3rd Semester</td> <td></td> </tr> <tr> <td style="padding: 5px;">4th Semester</td> <td></td> </tr> <tr> <td style="padding: 5px;">5th Semester</td> <td></td> </tr> <tr> <td style="padding: 5px;">6th Semester</td> <td></td> </tr> </table> <u>Contact Address</u> :		1st Semester		2nd Semester		3rd Semester		4th Semester		5th Semester		6th Semester	
1st Semester													
2nd Semester													
3rd Semester													
4th Semester													
5th Semester													
6th Semester													

- (b) Create the following formulas using a MS-Word : 6
- (i) $f(a,b) = a^2 + b^2 - f(a,b)$
- (ii) $\sin \theta = \tan \theta \times \cos \theta$

3. Make a PowerPoint presentation on the topic “Software” consisting of 4 slides. You should add one picture or audio file in at least one of the slides. The slide transition should be timer based. 16

4. The following table shows the income and expenditure of a household in the last 3 years :

	2021	2022	2023
Total Income (yearly) (INR)	10,00,000	12,00,000	13,00,000
Total Expenses (yearly) (INR)	9,00,000	13,00,000	14,50,000
Saving/Debt taken (INR)			

where saving/debt taken is the difference between total income and total expenses.

- (a) Create the worksheet in appropriate format from the labels and data, as given above. You should enter formulas wherever needed. 10
- (b) Make a bar chart with proper headings showing total income and total expenses for the three years. Make suitable assumptions, if any. 6

5. Perform the following tasks using any e-mail software or MS-Outlook : 16

- (i) Find a contact in address book
- (ii) Add a file as attachment in an e-mail
- (iii) Setting a reminder
- (iv) Scheduling an appointment

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