

REGN NO.:								LEVEL:	
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Time Allotted: 03 Hours

Max. Marks: 100

(80 Marks for Practical Exercise + 20 Marks for Viva-voce)

1. Write your Registration Number and Level in the space provided on the top.
2. All the three questions are compulsory. In case of Question No. 3, the candidate must attempt the question based on the subject as opted by him/her in theory examination.
3. **The 'Question Paper-cum-Worksheet' can be used for writing algorithms/flowcharts and documentation of program and the output results with relevant headings etc.**
4. The maximum marks allotted for each question is given in the parentheses.
5. **Candidate must return the 'Question Paper-cum-Worksheet' to the examiner before leaving the exam hall.**
6. All the questions should be solved on the desktop PC and demonstrated to the Examiner and Observer.
7. Wherever values/data have not been given in the Questions, the candidate can assume the data.

TO BE FILLED BY THE EXAMINER

The Identity of the candidate has been verified as per the Admit card / Attendance Sheet. The candidate has also filled all the relevant columns correctly.

Name of the Examiner	Signature
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Q.No	Marks obtained		Total
	Examiner (40 marks)	Observer (40 marks)	
1			
2			
3			
Viva Marks (20 Marks)			
Over all Total (Out of 100)			

O LEVEL (O-PR) – BATCH: S4

1. Create a table with the following field names in MS-Access.

Name of field	Data type
Book_name	Varchar
Purchase_date	Date
Price	Numeric
Author_name	Varchar

Do the following:

- Enter 5 records in the table using forms.
- Display list of books in alphabetical order using reports.
- Display list of books in ascending order of price.

OR

Create a List of Restaurant Menu Items using following features of LibreOffice Writer:

- Create a numbered list
- Change the style and formatting of the numbered list
- Introduce a nested list in the menu

(25)

2. Create a hyperlink using HTML `<a href>` which opens the linked document in the new window or tab and also specify the title attribute to demonstrate the title of the link

OR

Create following unordered list in HTML:

Unordered List with Circle Bullets

- o Coffee
- o Tea
- o Milk

(25)

3. Write a 'C' Program that Convert decimal number into binary number.
eg. The number 70 in decimal is expressed as 1000110 in binary.

OR

Write a program in 'C#' to get a count and display of the Fibonacci series as follows:

Enter Count: 10

Output:-

Series is

1 1 2 3 5 8 13 21 34 55

OR

Illustrate with the help of an application the creation of text effects with filters.

(30)

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OR
(attempt both parts)

- (i). Write a Python program that takes list of numbers as input from the user and produces a cumulative list where each element in the list at any position n is sum of all elements at positions upto n-1.

- (ii). Write a program to interface of A/C with Arduino board using wi-fi signals to on/off the delay of 1 sec.

(15+15)