REGN NO. :								LEVEL :	

O-PR-S4

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

Q.No.	Marks obtained		Total
	Examiner (40 marks)	Observer (40 marks)	
1			
2			
3			
Viva Marks (20 Marks)			
Overall Total (Out of 100)			

O LEVEL (O - PR) − BATCH : S4

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

Name of the field	Data type
Item_Code	Varchar
Item_Name	Varchar
Price	Numeric
Quantity_in_hand	Numeric
Reorder_Level	Numeric
Item_Type	Varchar

Do the followings :

(a) Enter ten records in the table using forms.

(b) Display list of items in ascending order of Reorder_Level.

(c) Display list of item in alphabetical order using reports.

OR

In LibreOffice , use mail merge feature to create invitation letter for Republic Day Flag hoisting to all the employees in the organization.

(a) Create your own Address List which will contain First name, Last name, Designation, Department.

(b) Content of the main body of email should describe the time, date and venue of the parade.

(c) All documents need to be sent through Email. **(25)**

2. Create an html page with following specifications : Title should be about Gateway of India. Place City name at the top of the page in large text and in blue color. Add pictures taken from different angles/views, add label and caption with each picture. Give Alternate Text on each image. Use a different color, style and typeface in the text. One of the landmark, **Mumbai** should be blinking. Add scrolling text with a message of your choice.

OR

Define a function max() that takes two numbers as arguments and returns the largest of them. Use the if-then-else construct available in Javascript. **(25)**

3. Write a C function that takes an integer value and returns the number with its digits reversed.

OR

Using .Net, Create a text box named MyfirstText that has a red foreground color and a blue background color. The initial text displayed in the box should be "Welcome to World of Pandemic". Create another text box named MySecondText that has a blue foreground color and a gray background color. The initial text displayed in the box should be "Good Bye Covid".

OR

Create an application illustrating a running dog from one place to another. The image should fade away as the dog moves away from the location of sight.

(a)   Specify the path of movement of the dog

(b)   set the key frames for the motion.

(c)   Create transitions effects,

(d)   set the starting position of the dog.

(e)   Add multiple effects such as changing size or fading to make the dog appear to grow or fade-in while it enters or fade-out and shrink as it exits   **(30)**

OR

(attempt both parts)

I.   Write a Python function which takes list of integers as input and finds:

(a)   The largest positive number in the list

(b)   The smallest negative number in the list

(c)   Sum of all positive numbers in the list

And

II.   To interface LED/Buzzer with Arduino/Raspberry Pi and write a program to turn ON LED for 1 second after every 2 seconds.   **(15+15)**

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REGN NO. :								LEVEL :	