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)			
Over all Total (Out of 100)			

O LEVEL (O-PR) – BATCH: S1

1. Make a list of addresses in MS-Excel. Write a letter in MS-WORD. Using mail merge generate letters for all addresses in Excel file.

OR

Demonstrate and write the sequence of steps to open a GMAIL account and create and send a new E-mail with an Impresss presentation file

(25)

2. Write a HTML program to create a form for the subscription of a magazine. The form should contain Name, Address, City, State, Pin Code. Magazine should be selected from 5 different magazines using checkbox. Subscription is available for 1 year or two years. Radio buttons shall be used to select subscription period. The page should have a submit button.

OR

Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

(25)

3. Write a program in 'C' to print total numbers of odd integers and their sum in an array that contains 15 elements.

OR

Write a .NET program to accept two strings from two text boxes. Display these two strings with their lengths. Compare these strings and display appropriate message.

OR

Create an animated flying India's flag using any multimedia software and play a sound for this animation.

(30)

OR
(attempt both parts)

(i). Write a Python program to print all the prime numbers in the given range. an Interval. A prime number is a natural number greater than 1 that has no positive divisors other than 1 and itself.

And

(ii). To interface LED/Buzzer with Arduino/Raspberry Pi and write a program to turn ON LED for 2 sec after every 3 seconds.

(15+15)