

**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.
7. Wherever values/data have not been given in the Questions, the candidate can assume the data.

**O LEVEL (O-PR) – BATCH: S2**

1. Make a list of addresses in MS-Excel. Write a letter in MS-Word. Using mail-merge generate letters for all addresses in MS-Excel file. **(25)**
2. Design a HTML page to display a picture. The picture should be removed from the screen after a mouse click on the picture. **(25)**
3. Write a program in 'C' which will arrange the positive and negative numbers in a one-dimensional array in such a way that all positive numbers should come first and then all the negative numbers will come without changing original sequence of the numbers.  
Example:  
Original array contains: 10, -15, 1, 3, -2, 0, -2, -3, 2, -9  
Modified array: 10, 1, 3, 0, 2, -15, -2, -2, -3, -9

**OR**

Write a program using 'C#' to create and start a thread T1. A right method should be defined to display a string in the console window when the thread starts.

**OR**

Create an animated button symbol on the screen as a reusable object that can also be stored in a library for a Flash document.

**(30)**