**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: S3

**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.

**(25)**

**2.** Using HTML
a)    Create a 4x3 table
b)    Within table, place 12 images of Indian Tourist Spots, in each box
c)    Each image should link to the corresponding Website of the Tourist Spot
d)    Each Image must be at least 100x100 in size

**(25)**

**3.** Write a program in 'C' language to input 20 arbitrary numbers in one-dimensional array. Calculate frequency of each number. Print the numbers and their frequency in a tabular form.

**OR**

Write a program using 'C#' to create and start a thread t1. A write method should be defined to display a string in the console window when the thread starts.

**OR**

Compress .txt, .doc, .jpg, .bmp files using any compression tool. Compare the compression ratio.

**(30)**