

**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 answer script 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-Answer Book' 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. Create a table with the following field names in MS-Access.

| <b>Name of field</b> | <b>Data type</b> |
|----------------------|------------------|
| Book_name            | Varchar          |
| Purchase_date        | Date             |
| Price                | Numeric          |
| Author_name          | Varchar          |

Do the following:

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

**(25)**

2. Create an HTML document with JavaScript code that-

- a) Has three textboxes and a button.
- b) The details to be accepted using textboxes are principal, rate of interest, and duration in years.
- c) When user clicks the Ok button a message box appears showing the simple interest of principal amount.

**(25)**

3. Write a function, `str_search(char* s1,char* s2, int n)` , that takes two strings and an integer, as arguments and returns a pointer to the nth occurrence of first string s1 in the second string s2, or NULL if n<sup>th</sup> occurrence is not present.

**OR**

Write a program in 'C#' that opens two files and updates the contents of one file to another. It should have an exception to handle non existing file in case of reading first file.

**OR**

A Symbol is a graphic, button, or movie clip you create once and can use any number of times in the application. Any symbol created is automatically placed in a storage area called the library for current document. Create a symbol as a logo for your company that can be stored in a library for a Flash document as a reusable object.

**(30)**