

COMPUTER SCIENCE HSSC (2009 NBF)

LIST OF COMPOSITE PRACTICALS

COMPUTER HARDWARE

- Identification of Input devices, Output devices, Processing devices, Communication devices.
- Identification of various parts of the Motherboard (Ports, Slots, Buses, CPU, Power supply, etc.)
- Identification of various types of memories (RAM, ROM, Cache).
- Identification of various types of secondary storage devices (HD, CD, DVD, Flash memory, Memory card, Blue ray(BD) disk, SSD, etc.).
- Identification of network devices (Router, NIC, Cables, Switch/hub)

MICROSOFT ACCESS 2007

- Starting Microsoft Access
- Creating Tables, Assigning Primary key to the Table, Saving the Table
- Adding Records to a Table, Modifying Records in a Table, Deleting Records from a Table
- Modifying Records in a Table, Deleting Records from a Table
- Creating Relationships between tables
- Creating Queries
- Viewing/Running Query, Modifying Query, Adding a Calculating Column/Field to a Query
- Creating Queries using Query Design
- Creating and Running a Data Entry Form, Making Forms More Usable with Controls
- Creating Form with Sub-Form for Related Tables, Creating a Switchboard Form
- Generating Reports, Creating a Report using a Query

C++ PROGRAMMING LANGUAGE

Programs in C++ related to the following topics.

- Input/Output statements/functions
- Operators
- Decision control structure – if()
- Looping control structure – for(), while(), do-while()
- Arrays – One dimensional, two dimensional
- Strings
- Functions
- Pointers
- Objects and Classes
- File handling

Note: The scope/level of programming can be followed as given in the Textbook of Computer Science for XII (Published by NBF).