

Computer Applications [50 Marks]

(Paper 2) Practical

Writing Time: Two Hours

INSTRUCTIONS

**This paper has TWO questions.
The questions require full use of computer.
All the questions are compulsory.
Your work must be submitted in the floppy disc provided.
Make sure you save your work properly.**

Question 1.

[35 Marks]

- a. Using MS Access, create a database and name it as '*Result*' to keep track of student performance and print the result. [2]
- b. Make a table with the following Fields: *RollNo, Name, House, Gender*, with appropriate data types in the tables, assign primary key to *RollNo* field and save the table as '*NameList*'. [4]
- c. Make a second table for the marks with the fields *RollNo, Eng, Dzo, Math, Sci, HCG, CA* with appropriate data types and save the table as '*MarkList*'. Establish appropriate relation between the tables. [7]
- d.
 - i) Design a form to enter data for the table '*NameList*' and name it as '*NameListEntryForm*'. [2]
 - ii) Enter data up to Roll No 5. [2]
 - iii) Make a form to enter data for the table '*MarkList*' and name it as '*MarkList EntryForm*'. [2]
 - iv) Enter data for upto RollNo 5. [2]
- e.
 - i) Design a query to get *RollNo, Name, Gender* and *Total*(new field to be created in the query) for each person and name the query as '*TotalQuery*'. [5]
 - ii) Create another query named '*PassQuery*' to view the list of girl students whose names start with "S" and scored more than 200 marks in the total. [4]
- f. Generate a report with the fields: *RollNo, Name, Eng, Dzo, Math, Sci, HCG, CA* and *Total* and name it as '*ResultReport*'. Your report should include title, page number and date at the top of the page. Use suitable layout, fonts, alignments and background color of your choice. [5]

Question 2

(a) Using MS PowerPoint, prepare a write up in the form of a slide show consisting of not less than 10 slides to explain the working of the library management system database in **Question 1**.

The slide show should include

- i. different slides with different layouts on a master slide. [3]
- ii. use of design template , background colours , proper formatting of fonts, alignment of text and cliparts. [5]
- iii. animation , sound, word art and timing of slides in logical order. [3]
- iv. presenter's notes. [2]

(b) The slides should be neat, tidy and to the point only including relevant information on the design of database. [2]