

COMPUTER APPLICATIONS

Paper 2

(PRACTICAL)

Writing Time: 2 hours

Total Marks: 50

READ THE FOLLOWING DIRECTIONS CAREFULLY.

1. Do not write during the **FIRST FIFTEEN MINUTES**. This time is to be spent on reading the questions. After having read over the questions, you will be given **2 HOURS** to answer all questions.
2. Create a folder in My Documents with your **INDEX NUMBER** as the **FOLDER NAME** in the computer provided to you by the visiting examiner. Save all your work in this folder.



012071090123

For example: Your folder should look **012071090123** for a candidate whose **Index No** is **012071090123**.

3. In this paper, there are **two questions: BOTH** questions are compulsory. The intended marks for a question or its parts are stated in the brackets.
4. Read the directions for each question carefully and save all your answers in the computer.
5. **DO NOT** leave the examination hall before you have made sure that you have answered all the required number of questions.
6. **SAVE YOUR WORK** from time to time to prevent loss of work due to unexpected power failure or hardware / software problem.

INSTRUCTIONS

This paper has TWO questions.
The questions require full use of a computer.
All the questions are compulsory.
Your work must be saved in the computer provided.

Question 1

[35 marks]

- A. Using MS Access, create a database named “*TouristsVisitDatabase*” to keep up to date records of the tourists visiting the country. [1]
- B. Create a table named “*Tourist BioData*” with the following fields:
Registration No, Name, Gender, DoB, Country, Email ID, Arrival Date, Departure Date. Add [Enter Name] as default value in the Name field.
Country should be created using Lookup wizards [Enter at least 5 country names].
Define appropriate data type and assign primary key. [5.5]
- C. Create another table “*Expenditure*” for the detailed information about the expenditure made with the following fields:
Registration No, Lodging, Food, Transportation, Telephone and Others.
Define appropriate data type and assign primary key.
Create proper relationship between the tables. [4.5]
- D. Design a form which includes all the fields from “*Tourist BioData*” table to enter records and name it “*Tourist BioDataForm.*”
Create a Combo Box to display the Gender.
Add Close Button and Open Form Button.
Add appropriate *Title* on the Form Header and add *Date* on the Form Footer.
Use suitable background colours and fonts.
Add at least six records using the form. [6.5]

E. Design another form which includes all the fields from “*Expenditure*” table to enter records and name it “*ExpenditureForm*”
Add Close Button and Open Form Button.
Add appropriate *Title* on the Form Header and add *Date* on the Form Footer.
Use suitable background colours and fonts.
Add at least six records using the form. [5.5]

F. Using the design view create the following queries of the tables “*Tourist BioData*” and “*Expenditure.*”

- i. A query named “*ExpenditurQuery*” to display the Registration No, Name, And Lodging, Food, Telephone Bill and Others. The names should be sorted in an alphabetical order.
Find total expenditure of each tourist [A new field to be added]. [2]
- ii. A query named “*AverageExpenditureQuery*” to list only those tourists whose expenditures are between the amount of Nu 20000 – Nu 50000. [1.5]
- iii. A query named “*DoB Query*” to view all tourists who were born in and after 1990. [1.5]
- iv. A query named “*FemaleTourists*” to view only female tourists. [1.5]
- v. A query named “*VisitorsQuery*” to view only those tourists who visited in the month of March in 2011. [1.5]

G. Prepare a report named “*TouristDetailsReport*”, to display the information of each individual tourist:
The report should be well-aligned, titled, page numbered and dated.
Use appropriate background colours and insert a page break. [4]

Question 2

- a) Using MS PowerPoint, design a slide show to explain the working of the database, “**TouristsVisitDatabase**” you have created in **Question 1**. Save the presentation as “**Tourists Visit Presentation.**”

The slide show should include:

1. Minimum of six slides of different layouts. [3]
2. Attractive design templates. [1]
3. Appropriate background colours. [1]
4. Appropriate fonts and alignment of texts. [1]
5. Action Buttons. [2]
6. Relevant clip arts, word arts and snapshots from the database. [2]
7. Proper animation and transition effects of slides. [3]
8. Appropriate timing of slides in logical order. [1]
9. Presenters note. [1]