

**COMPUTER APPLICATIONS**

**Paper 2**

**(PRACTICAL)**

**Writing Time: 2 hours**

**Total Marks: 50**

**READ THE FOLLOWING DIRECTIONS CAREFULLY.**

1. Do not write for the **FIRST FIFTEEN MINUTES**. This time is to be spent 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'S NAME** in the computer provided to you by the visiting examiner. Save all your work in this folder.  
**For example:** Your folder should look —→ for a candidate whose **Index No** is **01008045001**
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 to each question carefully and save all your answers in the computer provided to you by the examiner.
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 computer.  
All the questions are compulsory.  
Your work must be saved in the computer provided.  
Make sure you saved your work properly.**

**Question 1**

**[35 Marks]**

- a) Using MS Access, create a database and name it as '*BankingDb*' to keep record of bank balance of the depositors in the Bank. [½]
  
- b) Make a table with the following fields: *AccNo*, *Name*, *Designation* and *Company* with appropriate data type in the table, assign primary key and save it as '*Address*' [4½]
  
- c) Make second table for keeping the records of the account holders including following fields with appropriate data type and save it as '**Information**':  
*AccNo*, *Village*, *Gewog*, *Dzongkhag* [4½]
  
- d) Make third table to keep record of the deposit details with the following fields and appropriate data type and save it as '**Account**':  
*AccNo*, *AmountDeposited*, *DepositDate*, *AmountWithdrawn*, *WithdrawnDate*. [4½]
  
- e) Define an appropriate relationship between the tables. [1]
  
- f) Design a form to enter records in all tables and name it as '*EntryForm*'. Format it with appropriate title, background, alignment, font, and command button.
  - i) Enter at least **six** records. [6½]
  
- g) Design a query named '*InfoQuery*' with the following fields:  
*AccNo*, *Name*, *Designation*, *AmountDeposited*, *DepositDate*
  - i) Arrange in ascending order as per their *Names*.
  - ii) View only those account details which are deposited *before 1/7/2010* [3½]

h) Design a query named '*BalanceQuery*' with the following fields:

*AccNo, Name, AmountDeposited, AmountWithdrawn, Balance.*

*(Balance = AmountDeposit – AmountWithdraw)*

View only those account holders whose balance is *more than Nu 500.*

[4½]

i) Prepare a report to print the details of account holders with *AccNo, Name, Designation, AmountDeposited, AmountWithdrawn* and *Balance.*

Format the report by using appropriate page heading, alignment, page number, date, font and background. Save it as '*BankReport*'

[5½]

**Question 2**

[15 marks]

a) Using MS PowerPoint, prepare a write up in the form of a slide show consisting of not less than **six slides** to explain the working of the '*BankingDb*' database in question 1. Save your presentation as '*Banking Database Presentation*'.

[2]

Include the following features:

i) Different slides should have different layouts

[2]

ii) Use of attractive design template

[1]

iii) Appropriate background colors

[1]

iv) Appropriate formatting of fonts, alignment of text

[1]

v) Relevant wordart, clipart and snapshots from database.

[3]

vi) Include animations and transitions of slides in a logical order.

[4]

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

[1]

