

**You are supposed to create and save a database with tables, relationships, queries and reports using MS Access 2007, according to the instructions given below.**

1. You need to create a database for a public library to store book details. For this, create a blank database and save it with your index number and the Question code.

Eg: <Your Index Number> \_A01

[05 Marks]

2. Create a table called “**Books**” with the following fields.

[20 Marks]

Field Name	Type	Field size	Constraints
ID	Number		Primary Key
Title	Text field	50 characters	
Description	Text field	30 characters	
Category	Number		
No of copies	Number		

3. Create a form to enter details about books and save it as “**Books Form**”.

[10 Marks]

4. Add following records to the “**Books**” table using the “**Books Form**”.

[10 Marks]

ID	Title	Description	Category	No of copies
1	Word	Hard cover	2	2
2	Computers	Hard cover	4	2
3	Access	Paperback	2	2
4	Art	Hard cover	1	1
5	Science	Paperback	3	1

5. Create another table called “**Book Copies**” with the following fields.

[15 Marks]

Field Name	Type
ID	Number
Book_ID	Number
ISBN	Number
Version	Number

6. Identify the Primary Key(s) of this table (if there is any). [05 Marks]


7. Insert following records to the “**Book Copies**” table. [05 Marks]

ID	Book_ID	ISBN	Version
1	1	1234	1
2	1	1235	2
3	2	1236	1
4	2	1237	3
5	3	1238	2
6	3	1239	3
7	4	1241	4
8	5	1242	7

8. Establish the Relationship between “**Books**” and “**Book Copies**” tables. [10 Marks]

9. Write a query called “**Query\_Book category**” to display all books which belongs to given category; E.g. Category 02. [10 Marks]

10. Create a report called “**Book Details**” using the following format and save it. [10 Marks]



## Book Details

Author : <Your Index No>

Date:<Date>

Title	Description	No of copies
Word	Hard cover	2
computers	Hard cover	2
Access	Paper back	2
Art	Paperback	1
Science	Paperback	1

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11. Save your database again and upload it to e-testing system. Make sure you have saved the document as follows: <Your Index Number>\_A01