

Context sensitive question database for National Examination for Certification of Energy Manager and Energy Auditor

Preface

BEE has come out with a revision of the approach and Supporting database concerning the National Certification Examination that is taken on an average by 3000 professional engineers annually. The database has been prepared with material support from Guide Books for National Certification Examination For Energy Managers and Energy Auditors, (Book 1, Book2, Book 3, Book 4), TERI Question bank, AIP Question bank, AIP model test papers, NCE model Test Series, and questions from the previous years question papers of National Exam for Certification of Energy Managers and Energy Auditors.

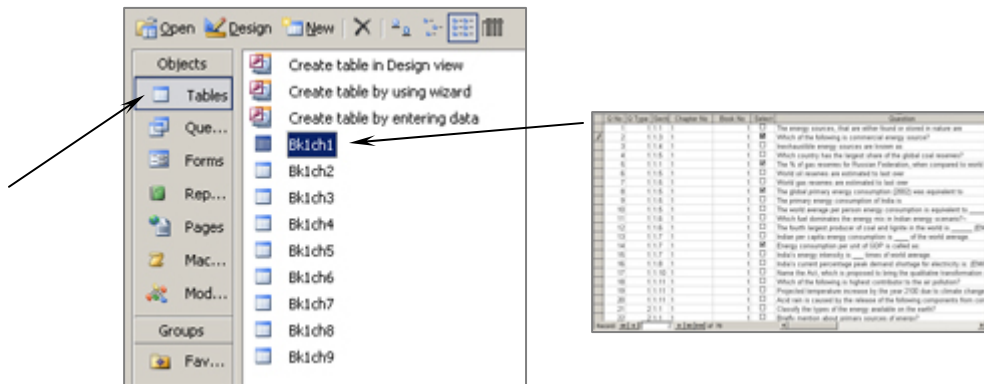
How to use the database

The description of the database is given as below:

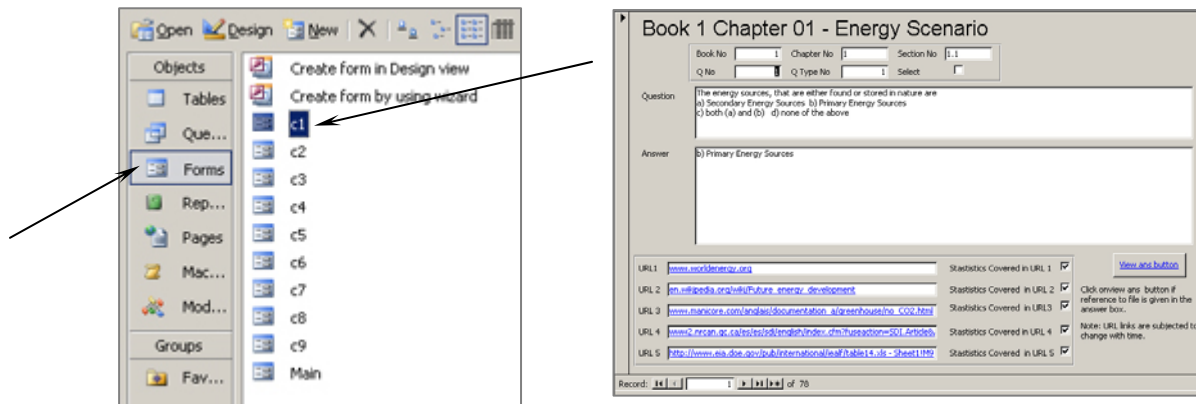
This database is split into various **tables** and each table contains the questions of the corresponding chapter of the book divided into sections.

For **Example - Table Bk1ch1** corresponds to **Chapter1 of Book 1** – Alternative ways to open the database (by default **Form – Main** open automatically)

1. Click the **Table Bk1ch1 (Table Tab)**. A set of Rows and columns will appear on the screen.



2. If you click **Forms (Forms Tab)** and then select **Form - c1** - for Book No. 1 database ; Chapter no. 1 will be displayed. Alternatively you can select **Form - Main** and open the corresponding Chapter.



Book 1 Chapter 01 - Energy Scenario

Book No: Chapter No: Section No:

Q No: Q Type No: Select

Question: The energy sources, that either found or stored in nature are
a) Secondary Energy Sources b) Primary Energy Sources
c) both (a) and (b) d) none of the above

Answer: b) Primary Energy Sources

1 for objective type question
 2 for short answer question
 3 for long answer type

Chapter No: Section No:

Q Type No:

Filter By Selection
Filter Excluding Selection
Filter For: 1
Remove Filter/Sort
Cut
Copy
Paste
Sort Ascending
Sort Descending
Insert Object...
Hyperlink
Properties

Right Click any field - Sorting

URL 1: Statistics Covered in URL 1

URL 2: Statistics Covered in URL 2

URL 3: Statistics Covered in URL 3

URL 4: Statistics Covered in URL 4

URL 5: Statistics Covered in URL 5

[View ans button](#)

Click on view ans button if reference to file is given in the answer box.
Note: URL links are subjected to change with time.

Record: of 78

1	Book No	The codes are as follows
	1	Guide Book No 1 - General Aspects of Energy Management and Energy Audit
	2	Guide Book No 2 - Energy Efficiency in Thermal Utilities
	3	Guide Book No 3 - Energy Efficiencies in Electrical Utilities
	4	Guide Book No 4 - Energy Performance Assessment for Equipment and Utility Systems
2	Chapter No	Chapter no of Book. If code is 1 - Chapter 1.
3	Section No.	The codes are same as those given in the Printed Books For example if the questions are from the section 1.2 then the code is 1.2
4	Select	The check box is provided to select a particular question. (<i>*Sorting/Filtering</i>)
5	Question type No	1 for objective type question 2 for short answer question 3 for long answer type question (<i>*Sorting/Filtering</i>)
6	Question No	Gives the question no in serial order (<i>*Sorting/Filtering</i>)
7	Question Text	Displays the Question
8	Answer	Displays the answer for objective type and short answer type questions. In case of question Type 3 a separate view ans button is provided, which opens the corresponding doc File on clicking. In the pdf files the long answers are displayed along with the URL links.

[View ans button](#)

Click on view ans button if reference to file is given in the answer box.

Then there are columns for URL links and checkbox are checked if they contain the statistics related to the question.

***Sorting/Filtering**

First select the questions required.

place the cursor on the select checkbox of any selected question.

Right Click on the selected question and select filter by selection.

To select questions from a particular **section**, place the cursor in the same way on **section No.** and right click. Select option filter for --- and type the **section no** required. This will display all questions related to that section in the chapter.

(In case of **Q Type No** - 1 for objective type question, 2 for short answer question, 3 for long answer type)

We hope that this database will help in enhancing the knowledge base of practicing engineers and managers and also help in sorting out questions pertaining to a particular **section of any guide book.**