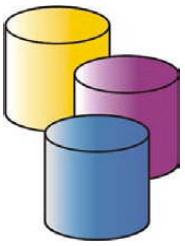
DB2 Certification: An In-Depth Look



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EMC Corporation
roger.sanders@emc.com

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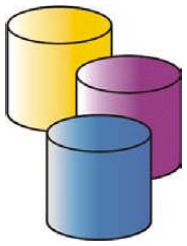
DB2 Certification Roadmaps



Why you might want to get certified and an overview of the DB2 certification paths available.

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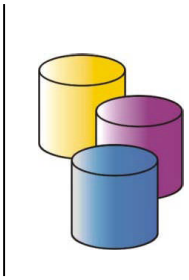
Is DB2 Certification Right For You?

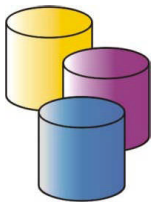


To determine whether you should get certified, ask yourself the following questions:

- Do you frequently work with DB2 DBAs, or among other database professionals who are not versed in DB2?
- Does your employer require you to stay current with the latest industry developments?
- Is there a lot of competition in your field (do you need to stand out from the crowd)?
- Are you considering changing jobs and want to make the best impression possible?
- Are you the kind of person who likes to be the best at what you do?
- Are you an IBM Business Partner?

If you answered YES to any of these questions, DB2 certification might be right for you.

One Benefit You Can Count On DB2 Certification Providing

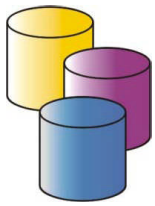


Whether a “Certified DB2 Database Administrator" is better than a DB2 database administrator who is *not* certified is, to say the least, highly debatable.

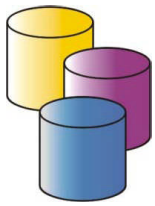
However, one statement that can be made about certification that cannot be debated is this:

“If you put in the effort needed to prepare for a DB2 certification exam, you'll end up knowing more about DB2 when you’re certified than you did before you started.”

IBM Certified Database Associate – DB2 9 Fundamentals

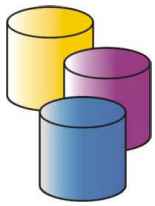


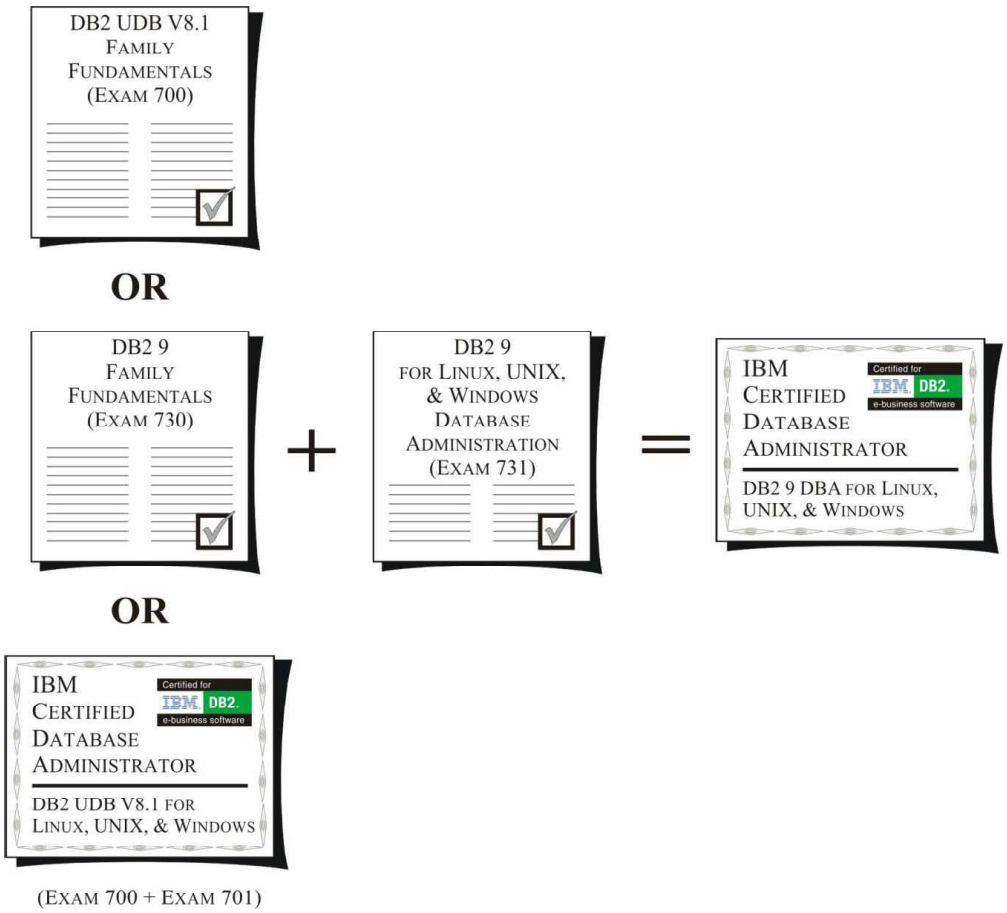
The DB2 9 Family Fundamentals Exam



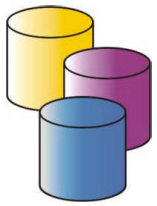
- Exam Number: 000-730
- Number Of Questions: 64
- Passing Score: 59%
- Categories:
  - Planning 14.0%
  - Security 11.0%
  - Working with databases and database objects 17.0%
  - Working with DB2 data using SQL 23.5%
  - Working with DB2 tables, views and indexes 23.5%
  - Data Concurrency 11.0%

IBM Certified Database Administrator – DB2 9 for LUW



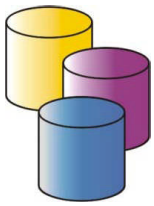


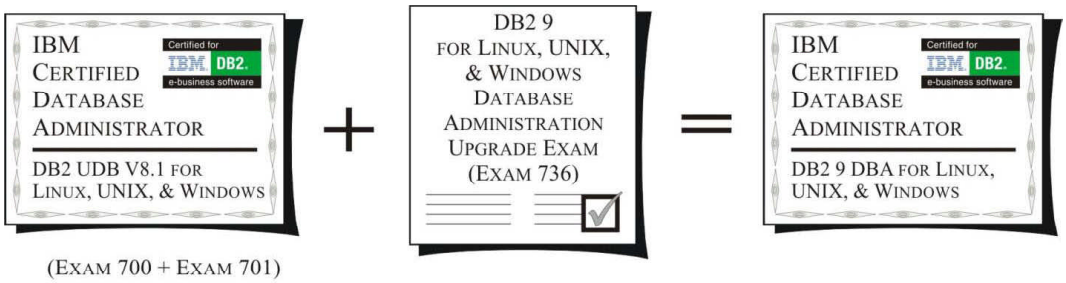
The DB2 9 DBA for Linux, UNIX, and Windows Exam



- Exam Number: 000-731
- Number Of Questions: 73
- Passing Score: 59%
- Categories:
  - DB2 server management 22.0%
  - Data placement 16.0%
  - Database access 12.0%
  - Analyzing DB2 activity 13.0%
  - Utilities 14.0%
  - High availability 14.0%
  - Security 9.0%

IBM Certified Database Administrator – DB2 9 for LUW Upgrade



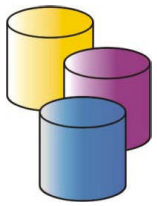


(EXAM 700 + EXAM 701)

OR

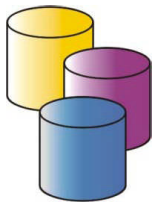
(EXAM 730 + EXAM 701)

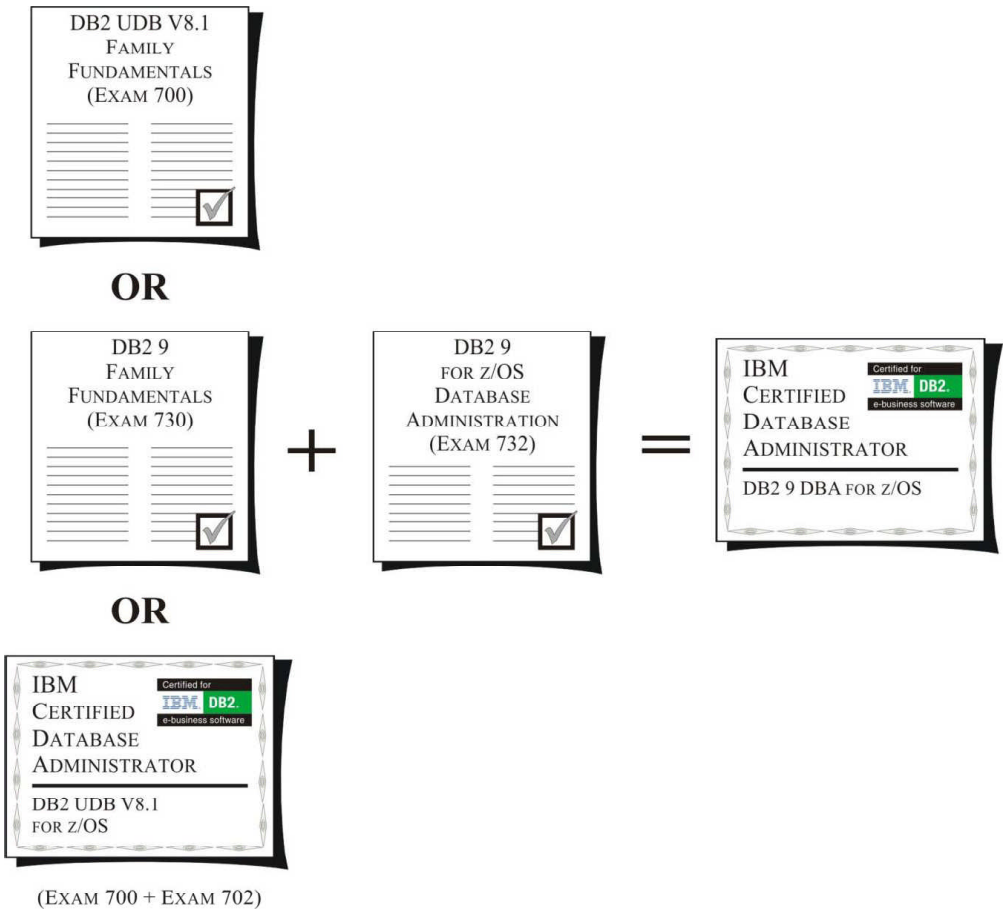
The DB2 9 DBA for Linux, UNIX, and Windows Upgrade Exam



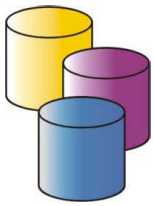
- Exam Number: 000-736
- Number Of Questions: 38
- Passing Score: 55%
- Categories:
  - Server management 29.0%
  - Data placement 21.0%
  - XML concepts 13.0%
  - Analyzing DB2 activity 16.0%
  - High availability 10.5%
  - Security 10.5%

IBM Certified Database Administrator – DB2 9 for z/OS



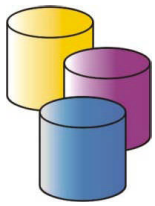


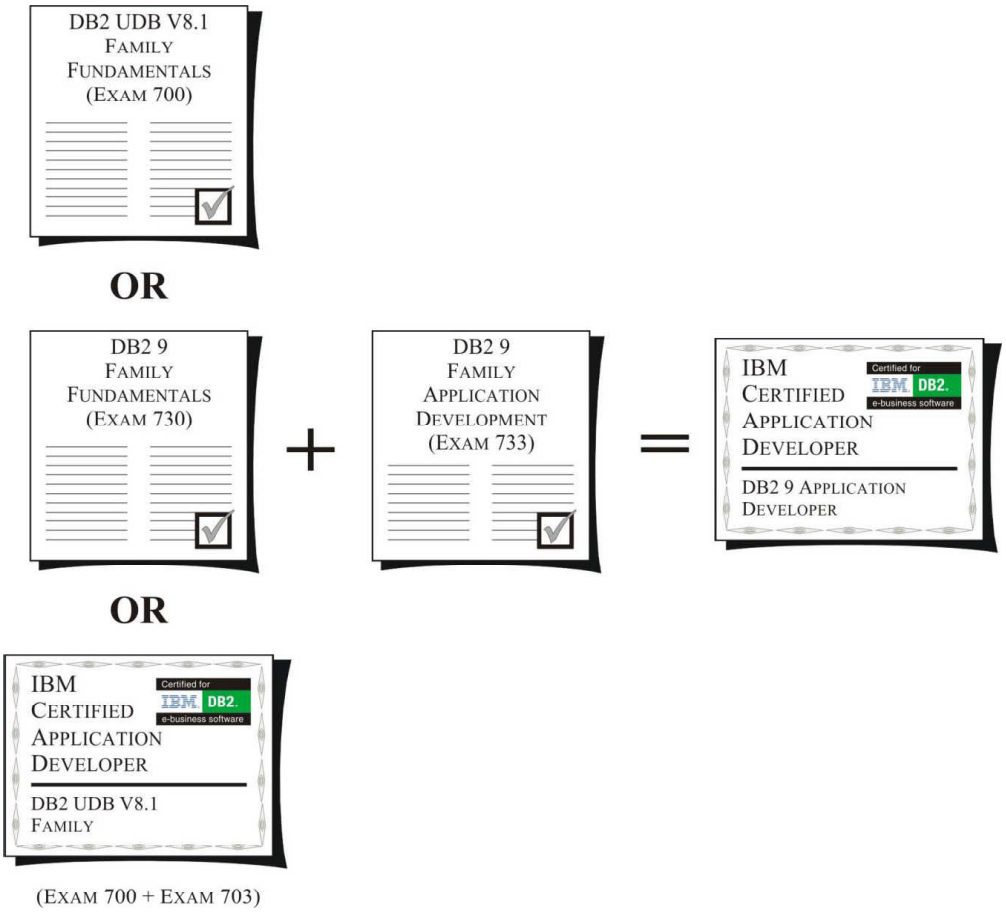
The DB2 9 DBA for z/OS Exam



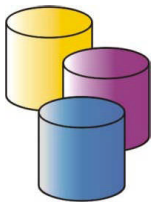
- Exam Number: 000-732
- Number Of Questions: 73
- Passing Score: 57%
- Categories:
  - Database design and implementation 30.5%
  - Operation and recovery 29.0%
  - Security and auditing 7.0%
  - Performance 29.0%
  - Installation and migration/upgrade 4.5%

IBM Certified Application Developer – DB2 9



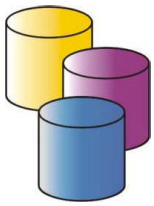


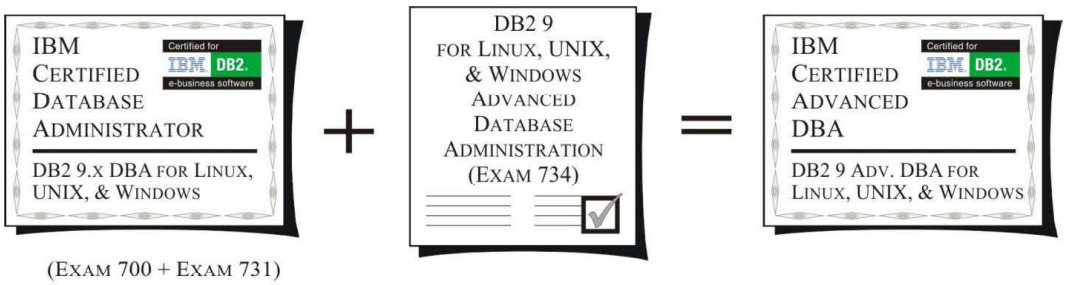
The DB2 9 Application Developer Exam



- Exam Number: 000-733
- Number Of Questions: 70
- Passing Score: 55%
- Categories:
  - Database objects and programming methods 06.0%
  - Data manipulation 26.0%
  - XML data manipulation 10.0%
  - Embedded SQL programming 4.0%
  - ODBC/CLI programming 4.0%
  - .NET programming 7.0%
  - Java programming 7.0%
  - Advanced programming 14.0%
  - User-defined routines 15.0%

IBM Certified Advanced Database Administrator – DB2 9 for LUW





(EXAM 700 + EXAM 731)

OR

(EXAM 730 + EXAM 731)

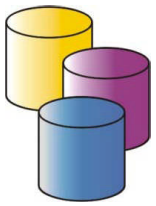
OR

(EXAM 700 + EXAM 541)

OR

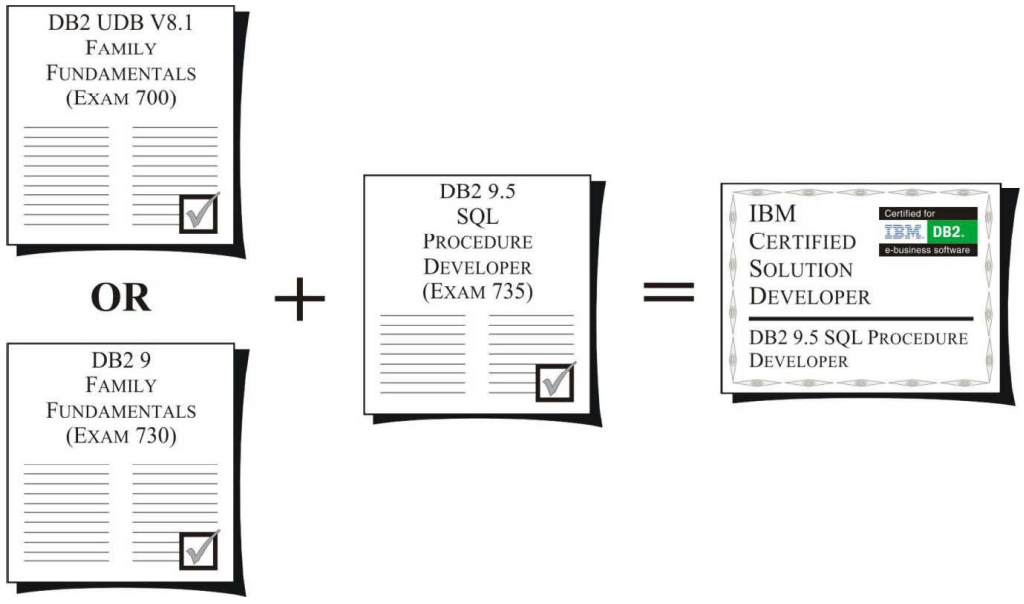
(EXAM 730 + EXAM 541)

The DB2 9 Advanced Database Administrator Exam

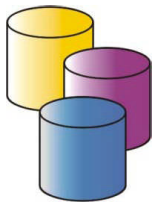


- Exam Number: 000-734
- Number Of Questions: 51
- Passing Score: 64%
- Categories:
  - Database design 14.0%
  - Data partitioning and clustering 15.0%
  - High availability and diagnostics 20.0%
  - Performance and scalability 33.0%
  - Security 8.0%
  - Connectivity and networking 10.0%

IBM Certified Solution Developer – DB2 9.5 SQL Procedure Developer

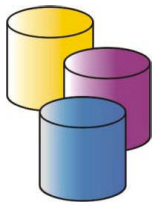


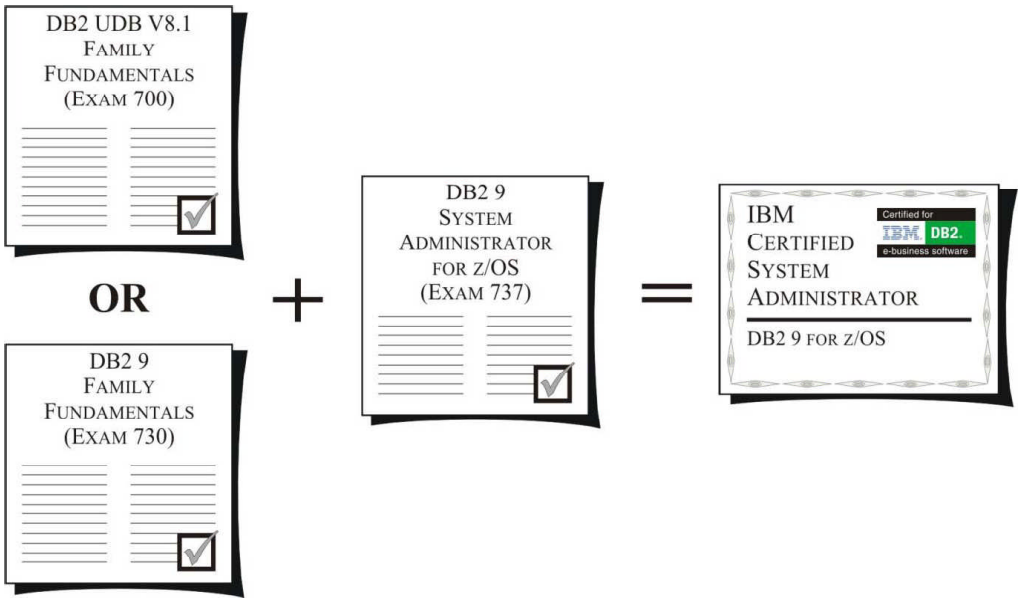
The DB2 9.5 SQL Procedure Developer Exam



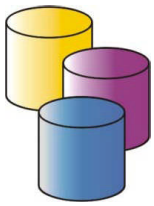
- Exam Number: 000-735
- Number Of Questions: 60
- Passing Score: 69%
- Categories:
  - SQL procedural language 30.0%
  - DB2 SQL procedures 26.0%
  - Functions 16.0%
  - Triggers 10.0%
  - Advanced SQL features 12.0%
  - Related tools 6.0%

IBM Certified System Administrator – DB2 9 for z/OS



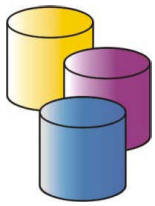


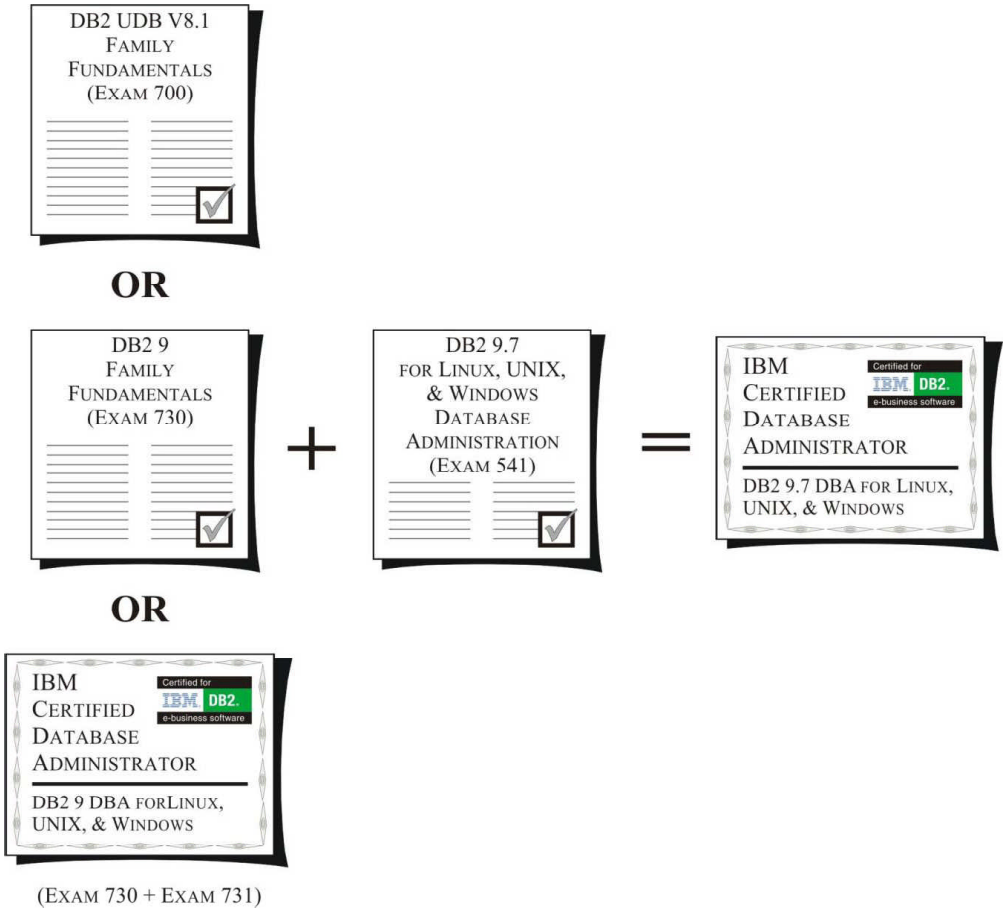
The DB2 9 System Administrator for z/OS Exam



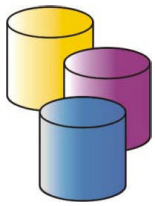
- Exam Number: 000-737
- Number Of Questions: 60
- Passing Score: 62%
- Categories:
  - Installation and migration 15.0%
  - Security and auditing 7.0%
  - System operation and maintenance 21.5%
  - Backup and recovery 20.0%
  - Performance and tuning 21.5%
  - Troubleshooting 15.0%

IBM Certified Database Administrator – DB2 9.7 for LUW



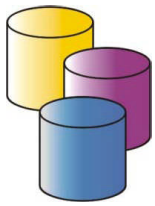


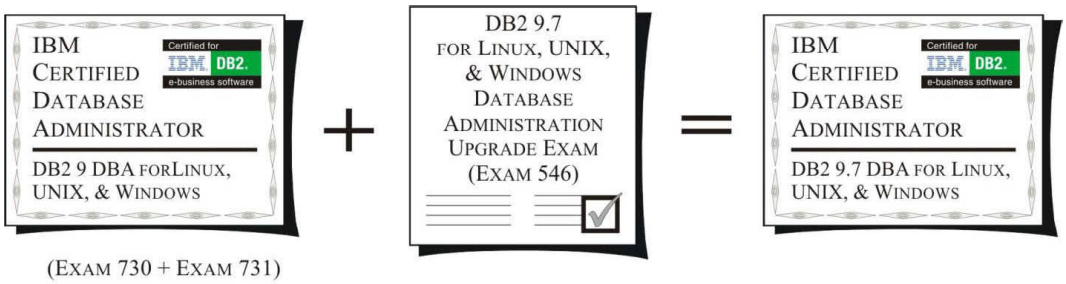
The DB2 9.7 DBA for Linux, UNIX, and Windows Exam



- Exam Number: 000-541
- Number Of Questions: 60
- Passing Score: 61%
- Categories:
  - DB2 server management 10.0%
  - Physical design 20.0%
  - Business rules implementation 5.0%
  - Monitoring DB2 activity 15.0%
  - Utilities 15.0%
  - High availability 20.0%
  - Security 10.0%
  - Connectivity and networking 5.0%

IBM Certified Database Administrator – DB2 9.7 for LUW Upgrade



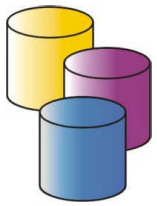


(EXAM 730 + EXAM 731)

OR

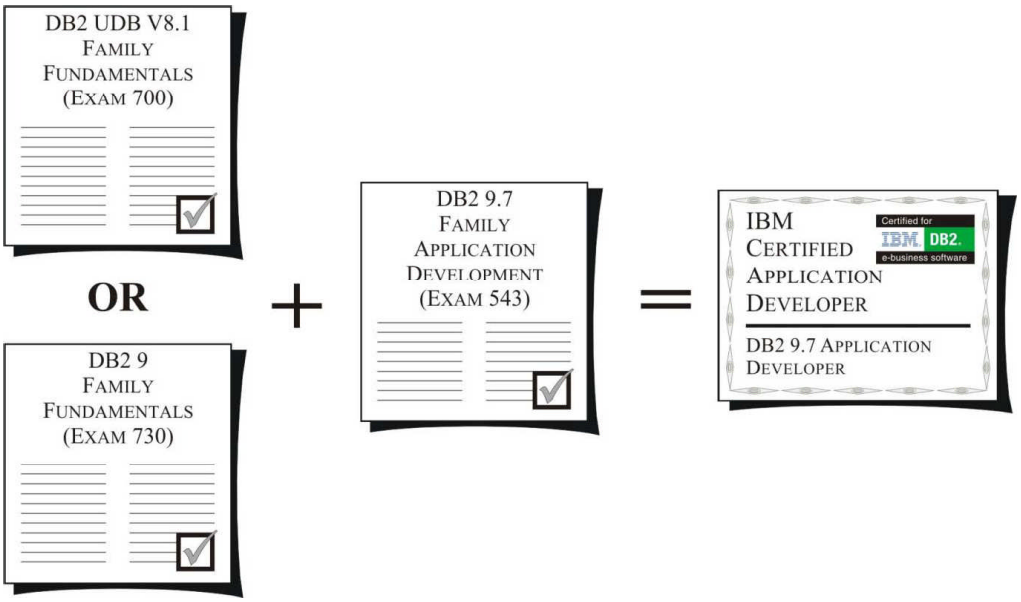
(EXAM 730 + EXAM 541)

The DB2 9.7 DBA for Linux, UNIX, and Windows Upgrade Exam

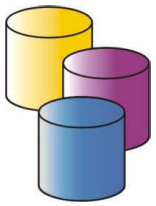


- Exam Number: 000-546
- Number Of Questions: 39
- Passing Score: 55%
- Categories:
  - DB2 server management 10.0%
  - Physical design 22.5%
  - Performance 17.5%
  - Monitoring DB2 activity 7.5%
  - Utilities 10.0%
  - High availability 7.5%
  - Security 25.0%

IBM Certified Application Developer – DB2 9.7

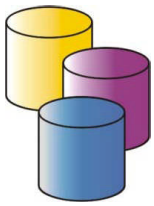


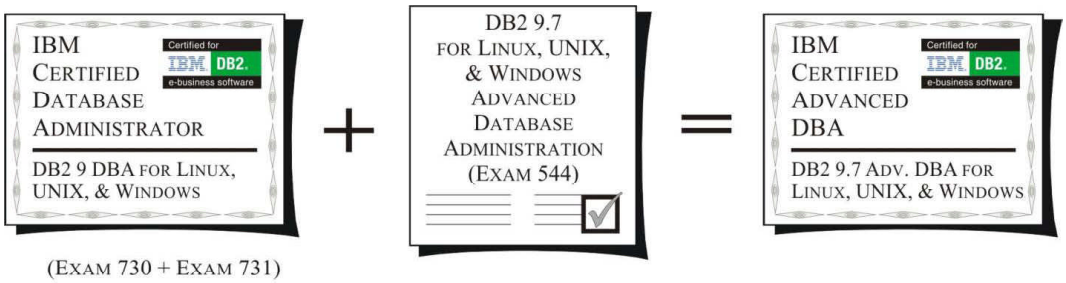
The DB2 9.7 Application Developer Exam



- Exam Number: 000-543
- Number Of Questions: 60
- Passing Score: 60%
- Categories:
  - Database objects 11.0%
  - Traditional data manipulation 32.0%
  - XML data manipulation 15.0%
  - Core concepts 27.0%
  - Advanced programming 15.0%

IBM Certified Advanced Database Administrator – DB2 9.7 for LUW





(EXAM 730 + EXAM 731)

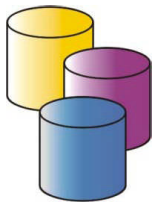
OR

(EXAM 730 + EXAM 541)

OR

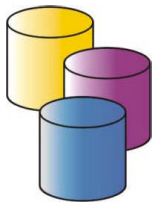
(EXAM 730 + EXAM 546)

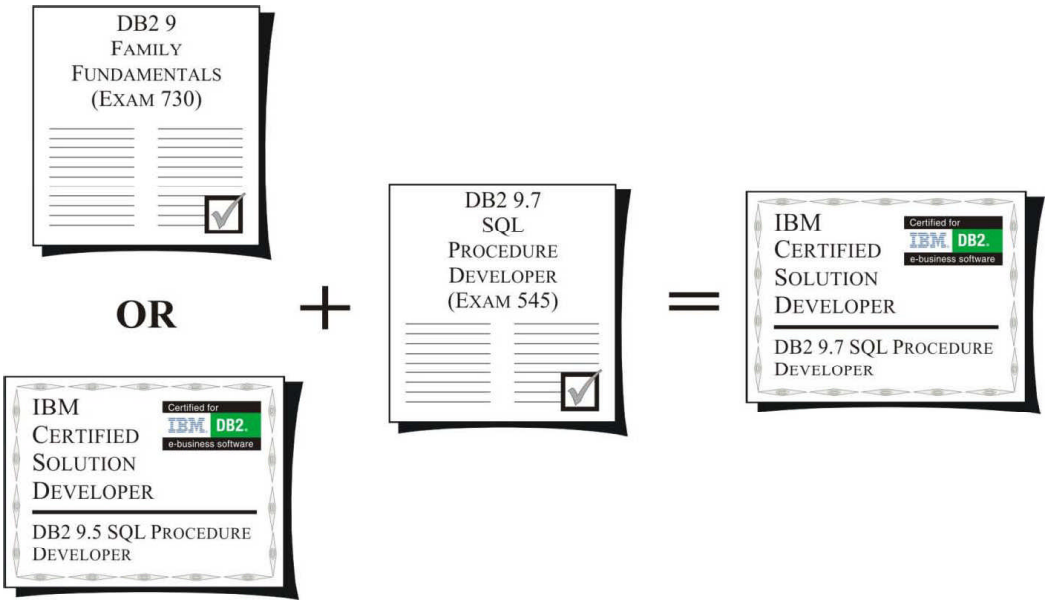
The DB2 9.7 Advanced Database Administrator Exam



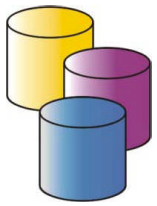
- Exam Number: 000-544
- Number Of Questions: 53
- Passing Score: 62%
- Categories:
  - Database design 11.0%
  - Data partitioning and clustering 15.0%
  - High availability and diagnostics 21.0%
  - Performance and scalability 34.0%
  - Security 11.0%
  - Connectivity and networking 8.0%

IBM Certified Solution Developer – DB2 9.7 SQL Procedure Developer



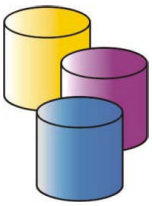


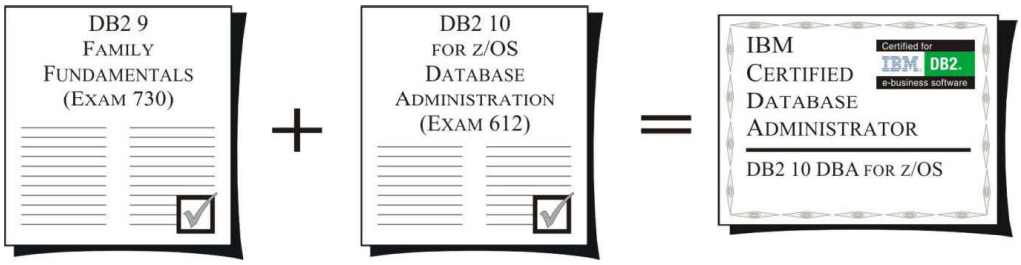
The DB2 9.7 SQL Procedure Developer Exam



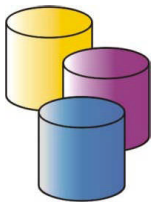
- Exam Number: 000-545
- Number Of Questions: 60
- Passing Score: 60%
- Categories:
  - SQL procedural language 30.0%
  - DB2 SQL procedures 24.0%
  - Functions 12.0%
  - Triggers 8.0%
  - Advanced SQL features 16.0%
  - Related tools 10.0%

IBM Certified Database Administrator – DB2 10 for z/OS



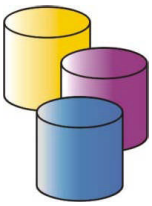


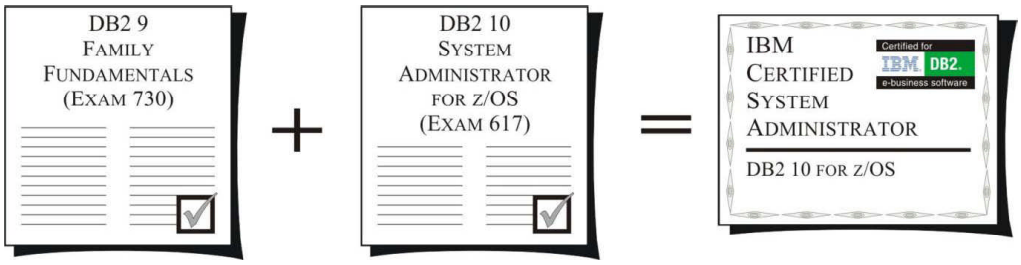
The DB2 10 DBA for z/OS Exam



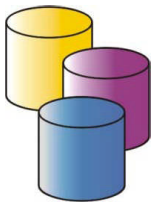
- Exam Number: 000-612
- Number Of Questions: 67
- Passing Score: 60%
- Categories:
  - Database design and implementation 30.0%
  - Operation and recovery 28.5%
  - Security and auditing 9.0%
  - Performance 28.5%
  - Installation and migration/upgrade 4.0%

IBM Certified Systems Administrator – DB2 10 for z/OS



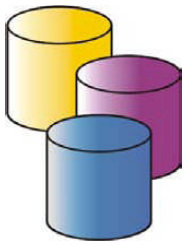


The DB2 10 System Administrator for z/OS Exam



- Exam Number: 000-617
- Number Of Questions: 63
- Passing Score: 60%
- Categories:
  - Installation and migration 20.0%
  - Security and auditing 13.0%
  - System operation and maintenance 13.0%
  - Backup and recovery 17.0%
  - Performance and tuning 22.0%
  - Troubleshooting 16.0%

Exam Testing Software Overview



What you can expect to see when you go to take a DB2 certification exam.

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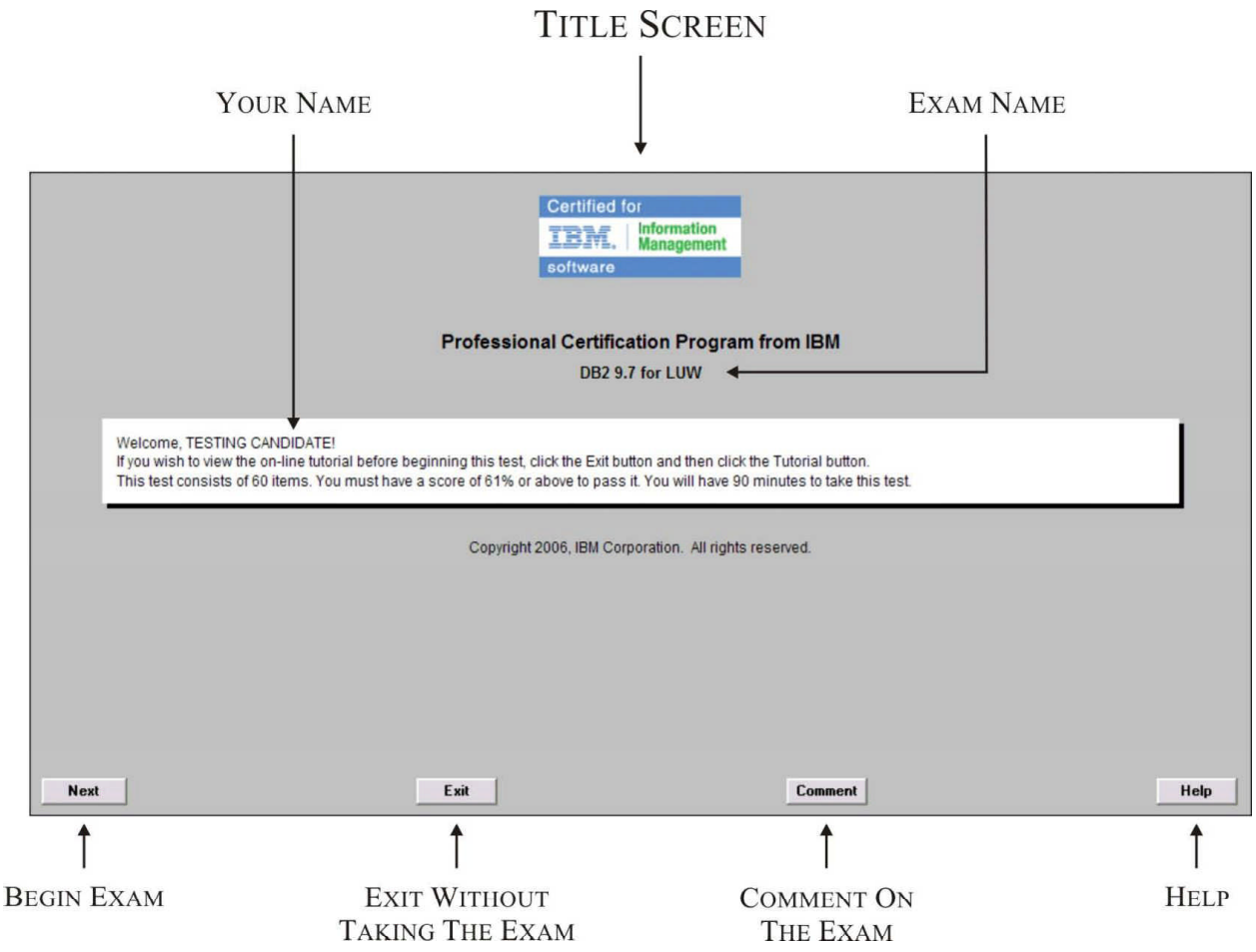
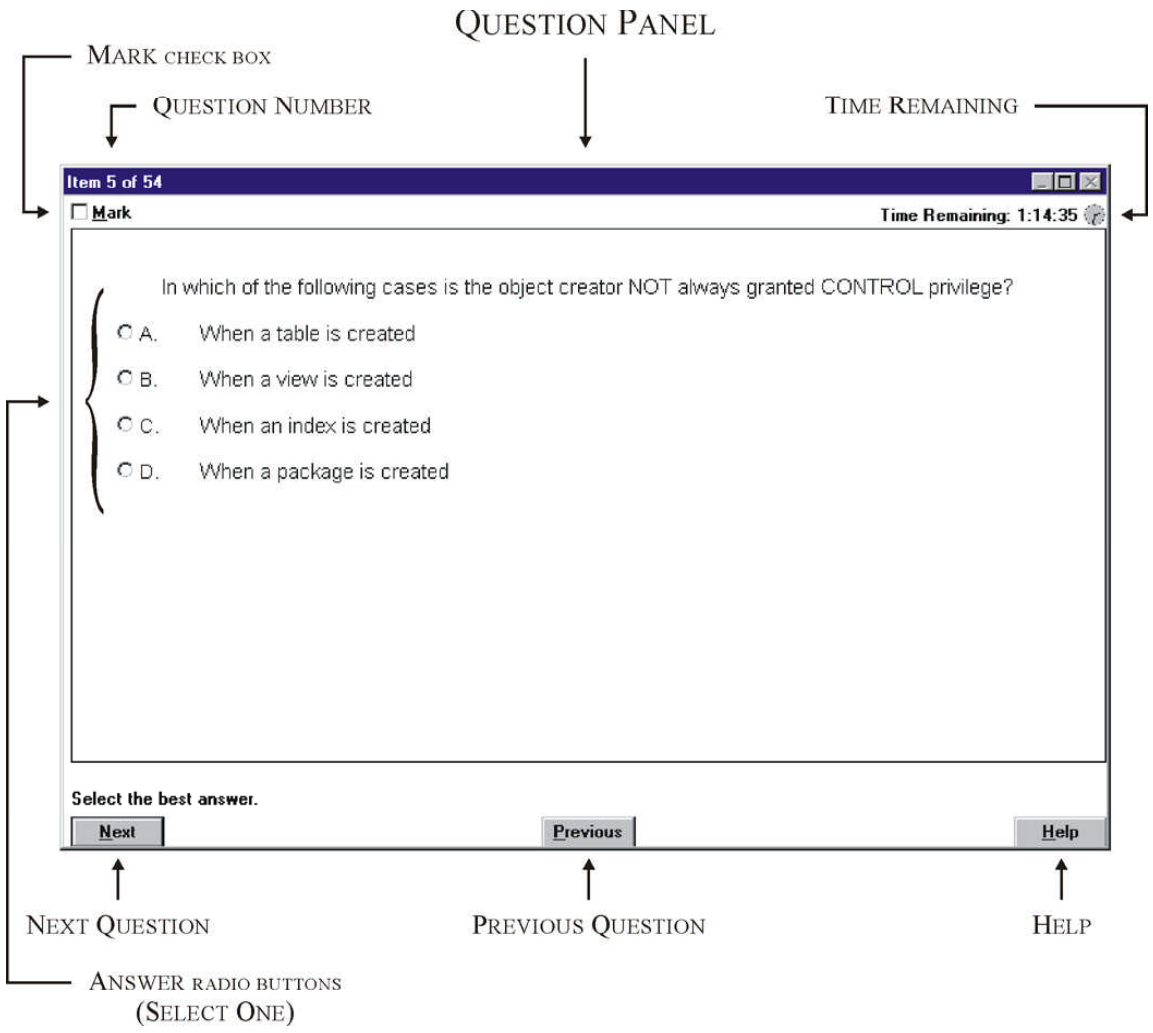
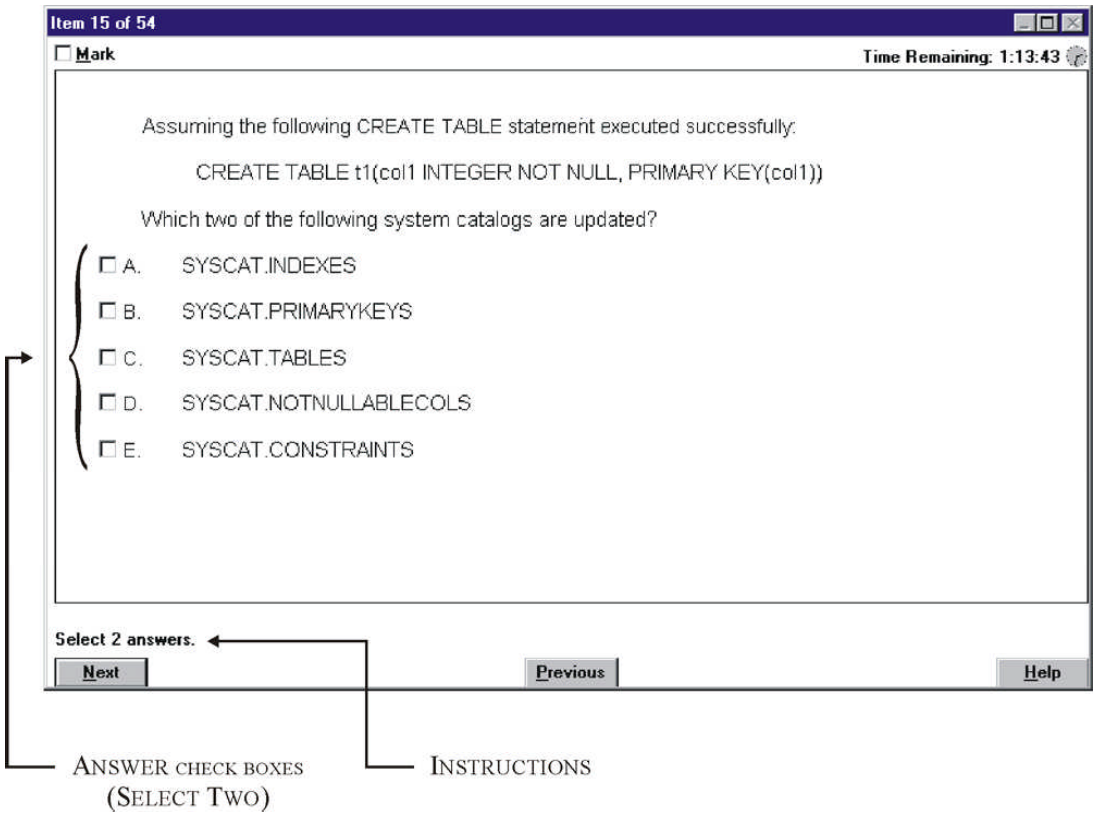

TITLE SCREEN
YOUR NAME
EXAM NAME
Certified for
IBM
Information Management
software
Professional Certification Program from IBM
DB2 9.7 for LUW
Welcome, TESTING CANDIDATE!
If you wish to view the on-line tutorial before beginning this test, click the Exit button and then click the Tutorial button.
This test consists of 60 items. You must have a score of 61% or above to pass it. You will have 90 minutes to take this test.
Copyright 2006, IBM Corporation. All rights reserved.
Next
Exit
Comment
Help
BEGIN EXAM
EXIT WITHOUT TAKING THE EXAM
COMMENT ON THE EXAM
HELP


QUESTION PANEL
MARK CHECK BOX
QUESTION NUMBER
TIME REMAINING
Item 5 of 54
Mark
Time Remaining: 1:14:35
In which of the following cases is the object creator NOT always granted CONTROL privilege?
A. When a table is created
B. When a view is created
C. When an index is created
D. When a package is created
Select the best answer.
Next
Previous
Help
NEXT QUESTION
PREVIOUS QUESTION
HELP
ANSWER RADIO BUTTONS
(SELECT ONE)


Item 15 of 54
Mark
Time Remaining: 1:13:43
Assuming the following CREATE TABLE statement executed successfully:
CREATE TABLE t1(col1 INTEGER NOT NULL, PRIMARY KEY(col1))
Which two of the following system catalogs are updated?
A. SYSCAT.INDEXES
B. SYSCAT.PRIMARYKEYS
C. SYSCAT.TABLES
D. SYSCAT.NOTNULLABLECOLS
E. SYSCAT.CONSTRAINTS
Select 2 answers.
Next
Previous
Help
ANSWER CHECK BOXES (SELECT TWO)
INSTRUCTIONS

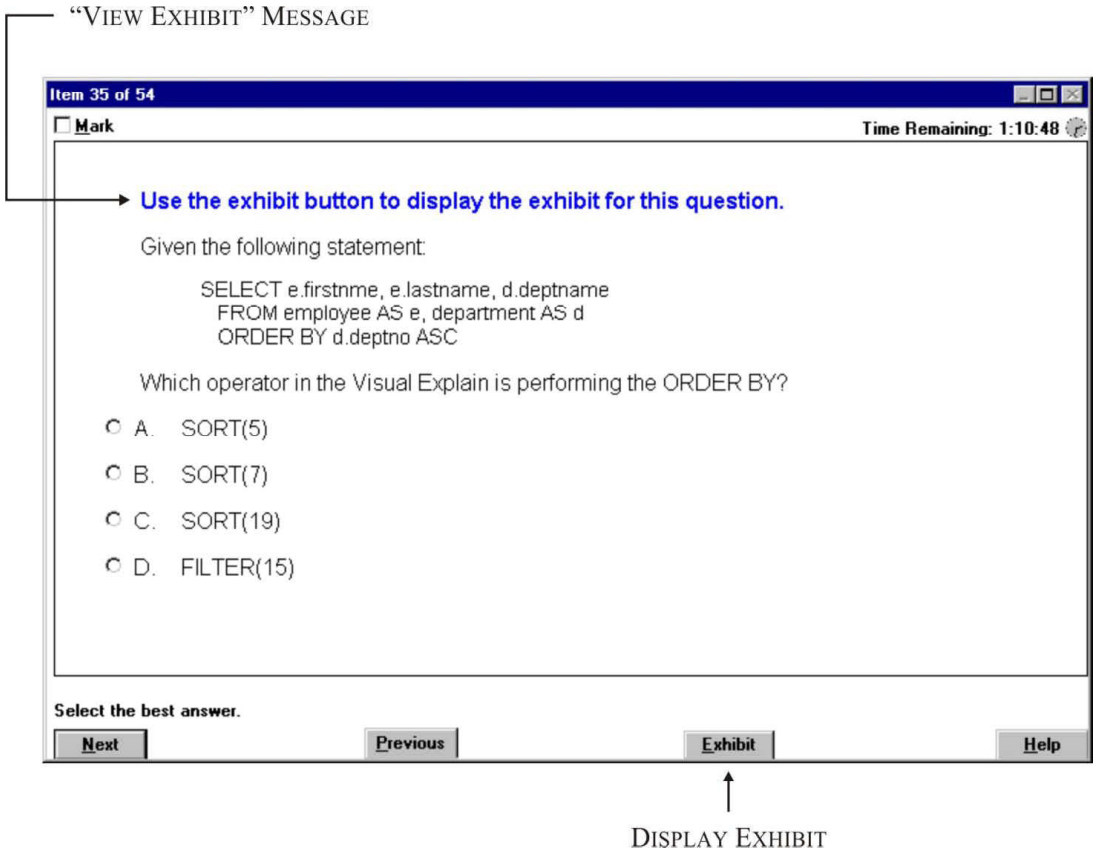
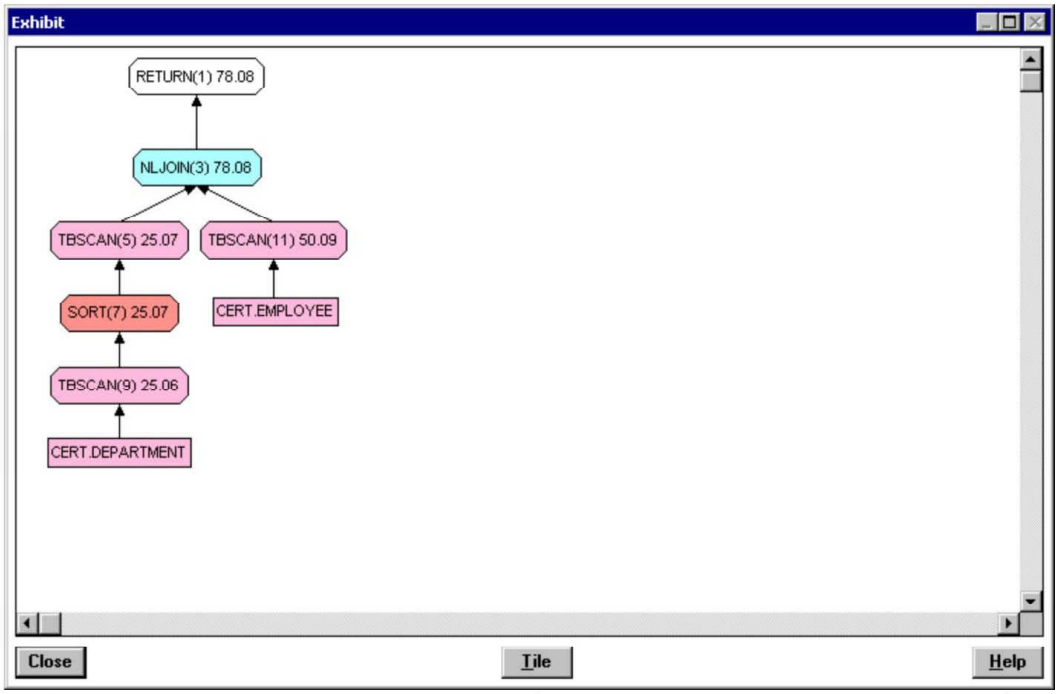

"VIEW EXHIBIT" MESSAGE
Item 35 of 54
Mark
Time Remaining: 1:10:48
Use the exhibit button to display the exhibit for this question.
Given the following statement:
SELECT e.firstnme, e.lastname, d.deptname
FROM employee AS e, department AS d
ORDER BY d.deptno ASC
Which operator in the Visual Explain is performing the ORDER BY?
A. SORT(5)
B. SORT(7)
C. SORT(19)
D. FILTER(15)
Select the best answer.
Next
Previous
Exhibit
Help
DISPLAY EXHIBIT

EXHIBIT PANEL

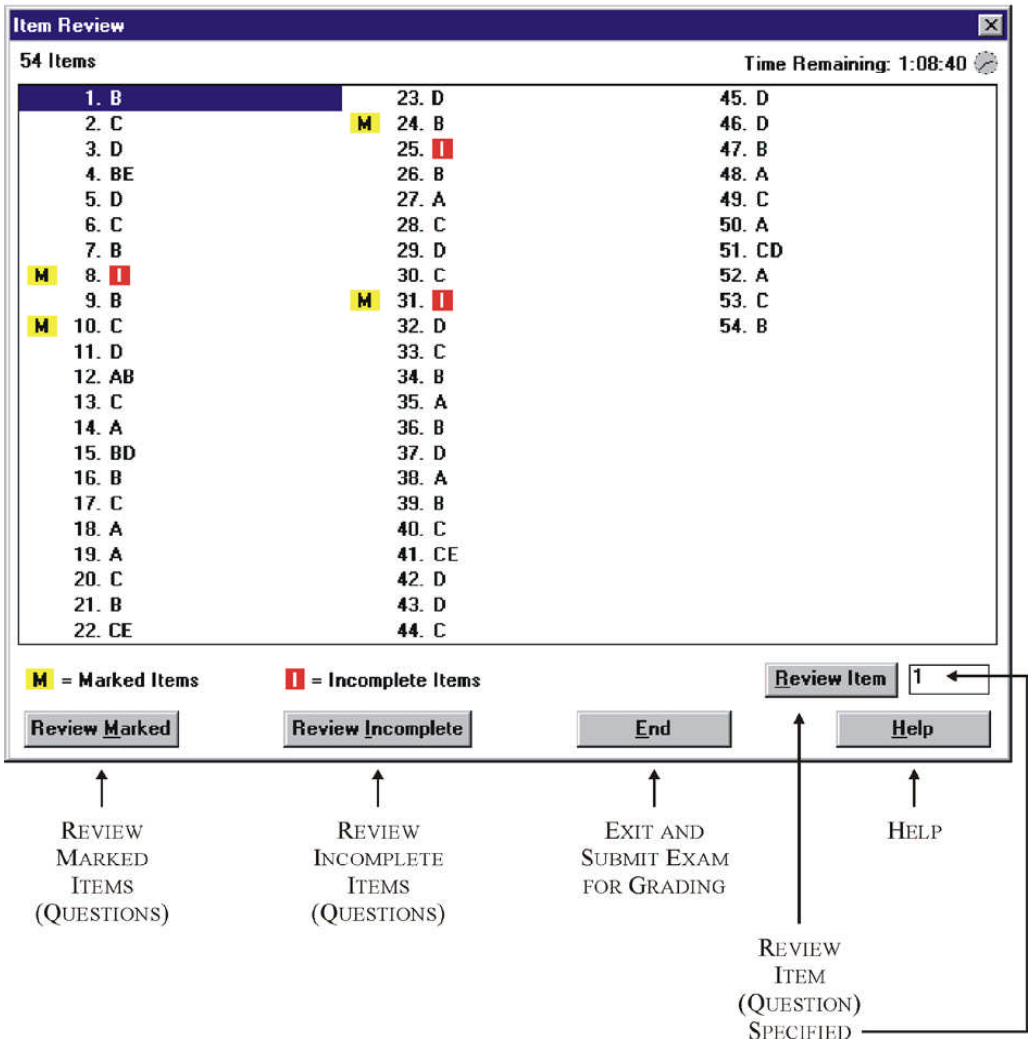


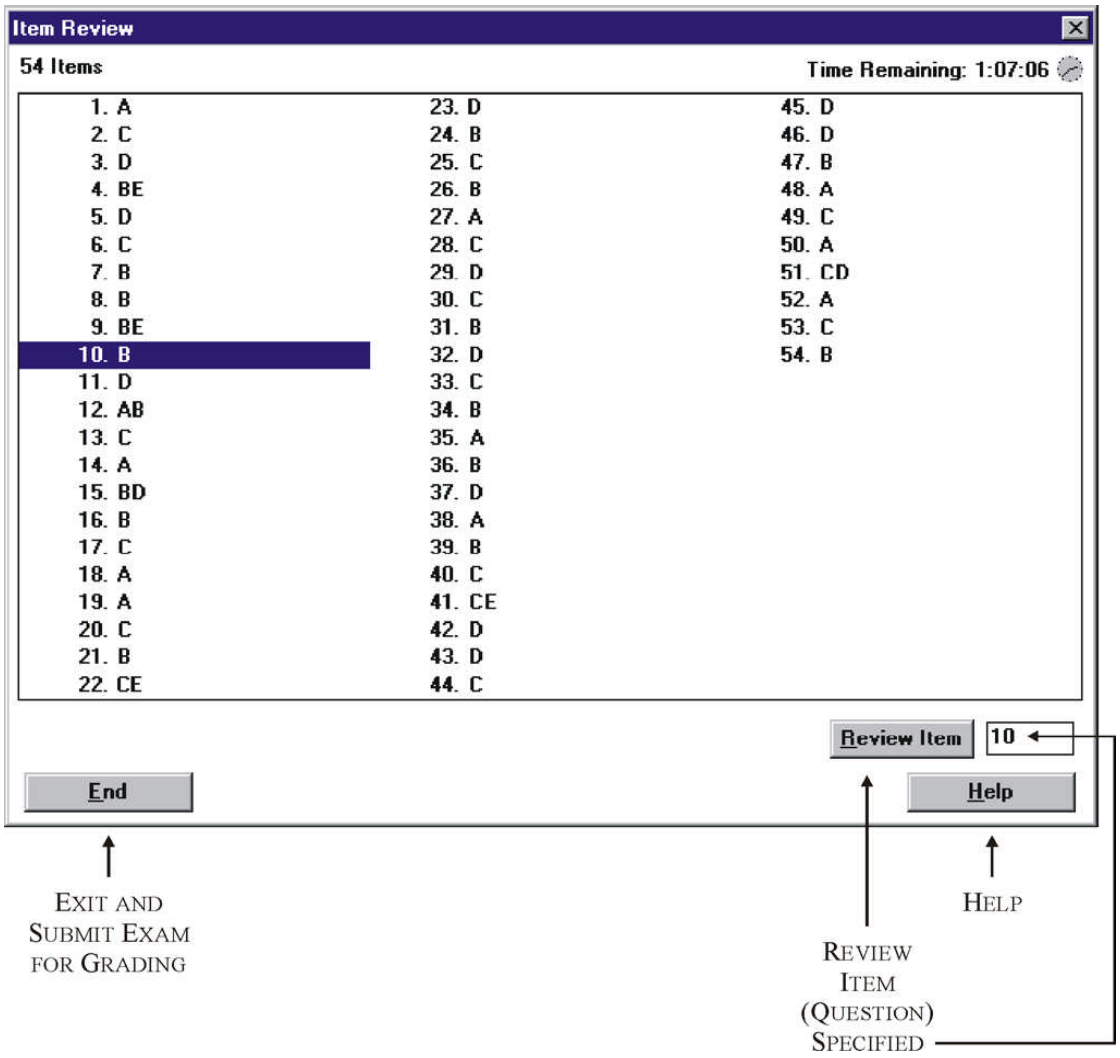
CLOSE EXHIBIT WINDOW

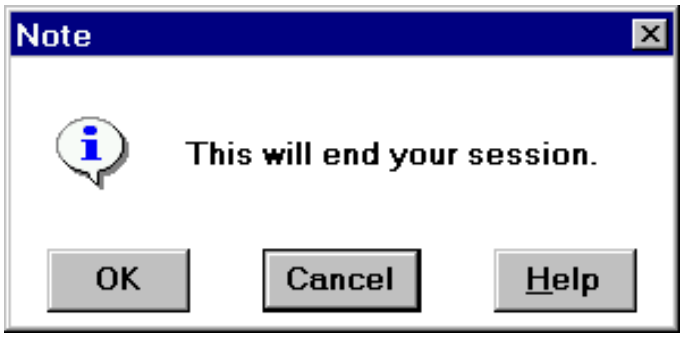
TILE EXHIBIT WINDOW AND QUESTION PANEL

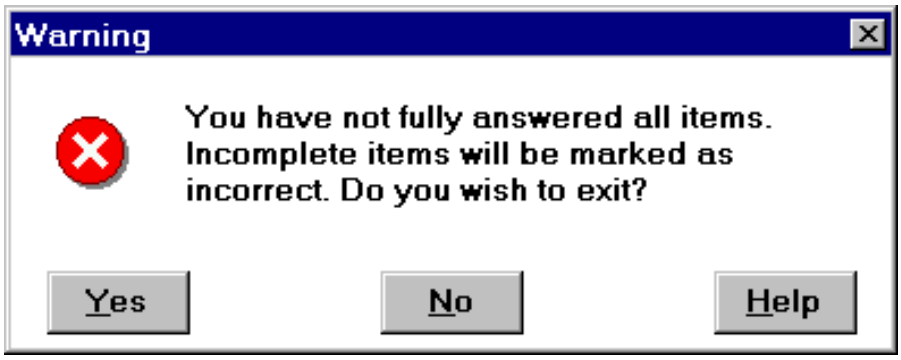
HELP

ITEM (QUESTION) REVIEW PANEL

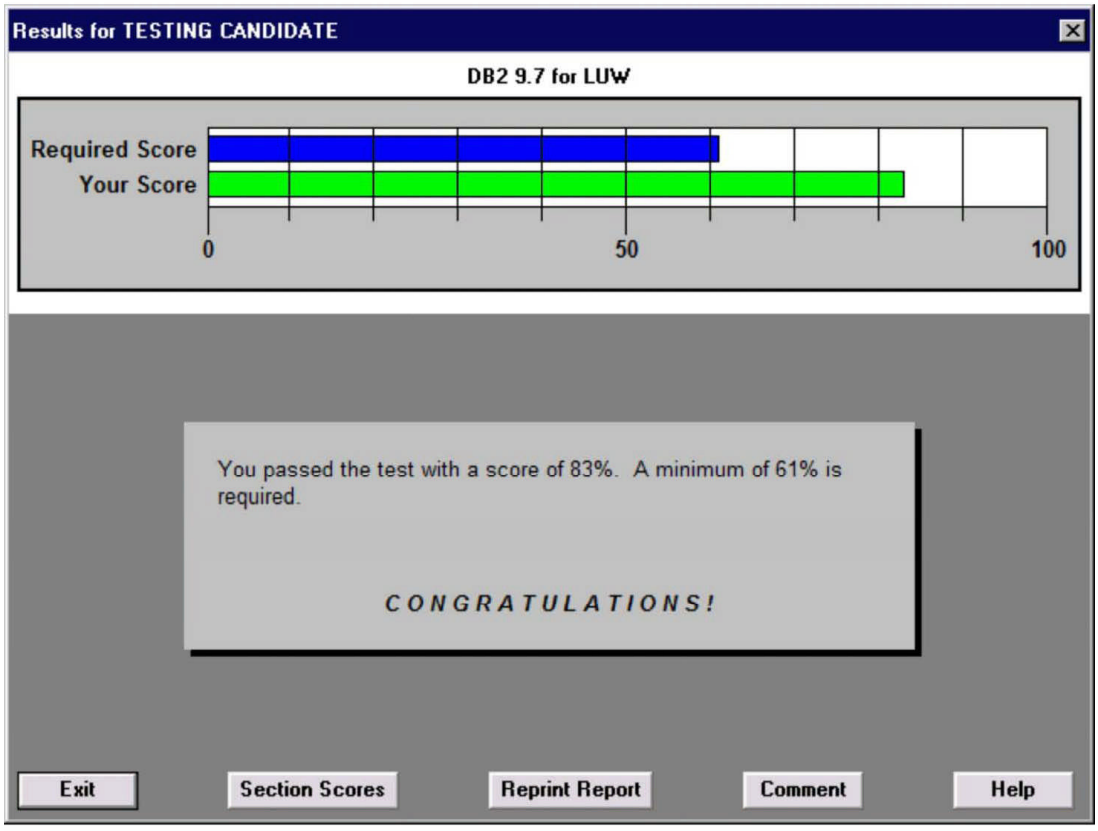



Item Review
54 Items
Time Remaining: 1:07:06
1. A
2. C
3. D
4. BE
5. D
6. C
7. B
8. B
9. BE
10. B
11. D
12. AB
13. C
14. A
15. BD
16. B
17. C
18. A
19. A
20. C
21. B
22. CE
23. D
24. B
25. C
26. B
27. A
28. C
29. D
30. C
31. B
32. D
33. C
34. B
35. A
36. B
37. D
38. A
39. B
40. C
41. CE
42. D
43. D
44. C
45. D
46. D
47. B
48. A
49. C
50. A
51. CD
52. A
53. C
54. B
Review Item
10
End
Help
EXIT AND SUBMIT EXAM FOR GRADING
REVIEW ITEM (QUESTION) SPECIFIED
HELP


Note
This will end your session.
OK
Cancel
Help


Warning
You have not fully answered all items. Incomplete items will be marked as incorrect. Do you wish to exit?
Yes
No
Help

EXAM RESULTS PANEL



EXIT THE TESTING SOFTWARE

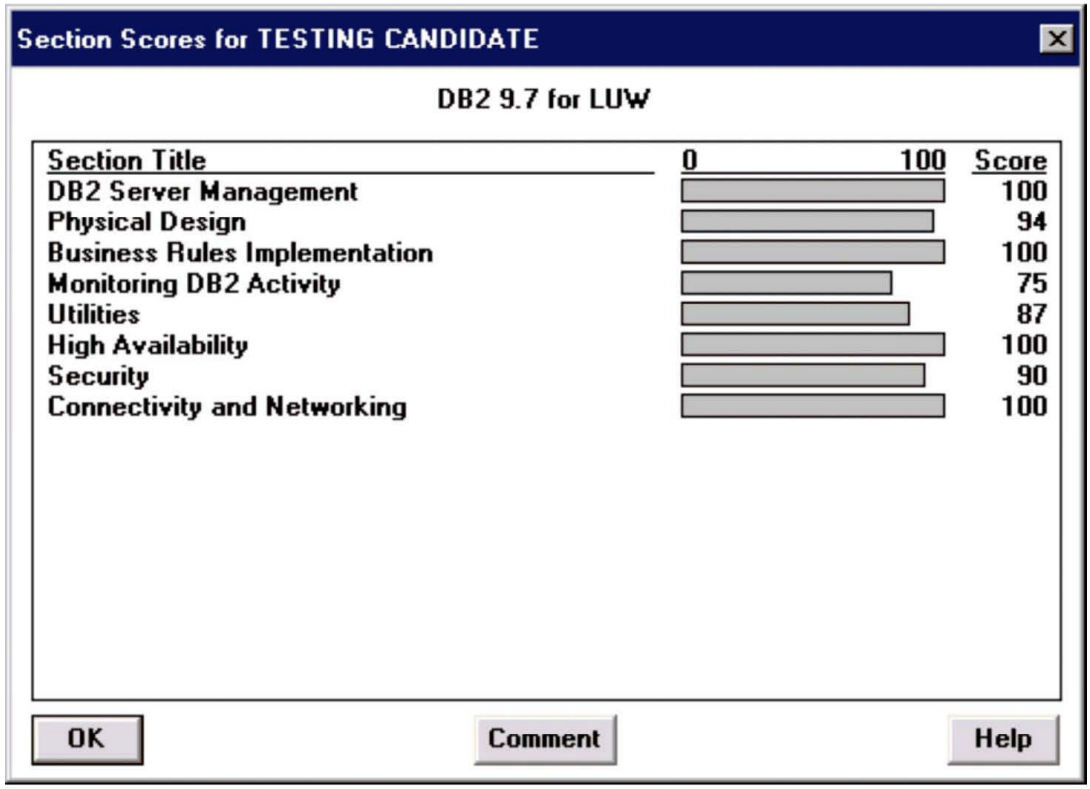
SHOW SCORES BY SECTION

PRINT ANOTHER EXAM RESULTS REPORT

COMMENT ON THE EXAM

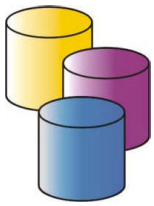
HELP

SECTION SCORES PANEL



RETURN TO EXAM RESULTS PANEL

COMMENT ON THE EXAM

HELP

Questions ?