SQL (ANSI) Fundamentals
Assessment Fact Sheet

Overview	The Structured Query Language (SQL) (ANSI) Fundamentals test measures knowledge of database queries using ANSI SQL. Designed for entry-level database programmers and administrators.	
	Job Family/Title	Entry Level Database Programmers

Details	Average Testing Time (minutes)	46 minutes
	Allowed Time (minutes)	90 minutes
	Maximum Number of Questions	30 questions
	Number of Sittings	One
	Designed for Unproctored Environment	Yes
	Question Format	Multiple Choice - Adaptive
	Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

Measures knowledge of the following areas of the SQL language:

- Aggregated Data Queries (GROUP BY)
- Data Definition Language (DDL)
- Data Modification
- Limiting the Return Set
- Multiple Table Queries (SELECT with Joins)
- Single Table Queries (SELECT)
- Transactions
- Using Functions and Constant Values

Example Questions

Exit

Question Time Remaining: 0h : 2m : 37s

PRODUCTS

NAME	PRICE	TYPE
soap	2	C
floss	2	D
brush	3	A

```
SELECT name, COUNT(DISTINCT price)
FROM PRODUCTS
WHERE type BETWEEN 'A' AND 'D' GROUP BY name;
```

How many rows of data are returned by the query above?

a ○ 0 rows

b ○ 1 row

c ○ 2 rows

d ○ 3 rows

e ○ 4 rows

Next

Example Reports

Test: COBOL II

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Score: 2.45
Proficiency Level: Basic (1.51 - 2.50)
The candidate demonstrates an understanding of basic concepts of COBOL II, including:

- Decision Making
- Language Elements

The candidate may be proficient with intermediate COBOL II concepts, such as:

- Tables and Data Access
- Process Statements
- Data Division
- Arithmetic Statements

The candidate will likely be challenged by more advanced COBOL II concepts such as:

- File Processing
- Creating Reports

Candidates scoring at the Basic level would benefit from formal training or self study in order to become more effective in COBOL II.

Percentile Comparisons
The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons

		Low	Medium	High
	Percentile	30	70	100
Global Population	4	◆		

Detail Item Results

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	COBOLII_BB_0662	Process Statements	Data Transformation	Intermediate	10.2	Yes						
2	COBOLII_BB_0737	Data Division	File and Working-Storage Sections	Intermediate	11.0	No						
3	COBOLII_BB_0738	Data Division	Linkage Section	Intermediate	18.6	Yes						