

Sample Questions with Answers

Computer Science Fundamentals - Data Structures

Generated on June 17, 2026 at 10:40 AM

Computer Science Fundamentals

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Question 1:

What is a primary key?

[ANSWER] Answer & Explanation:

A primary key is the field in a table that uniquely defines the row in the table. The values in the primary key are always unique.

Question 2:

What is a foreign key?

[ANSWER] Answer & Explanation:

A foreign key is a constraint that establishes a relationship between two tables. This relationship typically involves the primary key field(s) from one table with an adjoining set of field(s) in another table (may be the same table). The adjoining field(s) is the foreign key.

Question 3:

Related fields in a database are ?

- A) bank
- B) data field
- C) data record
- D) menu

[ANSWER] Answer & Explanation:

c is the right answer. Related fields in the data base are grouped into the Records so records have all information of a particular item.

Question 4:

Entities which have primary key are called ?

- A) primary entities
- B) weak entities
- C) strong entities
- D) a,b,c

[ANSWER] Answer & Explanation:

c is the right answer. Entity having its own primary key is called a strong entity.

Question 5:

In an E-R diagram ellipses represent

- A) entity sets
- B) link in attributes and entity sets
- C) relationship among entity sets
- D) attributes

[ANSWER] Answer & Explanation:

d is the right answer.

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