

**ĐỀ CƯƠNG KTGK II TIN HỌC 11 □ TRẮC NGHIỆM BÀI 17. QUẢN TRỊ CSDL TRÊN MÁY TÍNH CÂU 1: DO ĐÂU MÀ QUẢN LÝ CSDL TRÊN MÁY TÍNH CUNG CẤP KHẢ NĂNG KIỂM SOÁT TRUY CẬP VÀ ĐỘ BẢO MẬT CAO HƠN SO VỚI QUẢN LÝ THỦ**

Thời gian: **Không giới hạn** | Số câu: **15**

Họ và tên thí sinh: \_\_\_\_\_  
Lớp / Đơn vị: \_\_\_\_\_

Số báo danh: \_\_\_\_\_  
Ngày thi: \_\_\_\_\_

**1.** Why does the Computer Database Management provide better access control and security than manual management?

- A.** Because of the use of complex algorithms      **B.** Because of the use of passwords and user restrictions  
**C.** Because of the physical security of the computer      **D.** Because of the use of paper and pen

**2.** What is the primary purpose of a Database Management System (DBMS)?

- A.** To store data      **B.** To manipulate data  
**C.** To retrieve data      **D.** All of the above

**3.** Which of the following is not a type of DBMS?

- A.** Hierarchical DBMS      **B.** Network DBMS  
**C.** Relational DBMS      **D.** Cathedral DBMS

**4.** Which of the following is responsible for the actual storage, retrieval and management of data in a database?

- A.** Database Administrator      **B.** Database Management System  
**C.** Data Dictionary      **D.** Data Model

**5.** What does the 'I' stand for in 'ACID' when talking about databases?

- A.** Integration
- B.** Integrity
- C.** Index
- D.** Information

**6.** Which of the following is not a function of a Database Management System?

- A.** Data storage
- B.** Data manipulation
- C.** Data security
- D.** Data transformation

**7.** Which of the following is a disadvantage of a database system?

- A.** Increased efficiency
- B.** Complexity
- C.** Improved data sharing
- D.** Improved data security

**8.** Which of the following is a type of database language?

- A.** Data Query Language (DQL)
- B.** Data Control Language (DCL)
- C.** Data Manipulation Language (DML)
- D.** All of the above

**9.** Which of the following best describes data redundancy?

- A.** Storing the same data in more than one place
- B.** Storing data in a secure location
- C.** Storing data in a cloud-based system
- D.** Storing data in a relational database

**10.** What is the primary advantage of using a database system?

- A.** Data redundancy
- B.** Data consistency
- C.** Data complexity
- D.** Data repetition

**11.** What does SQL stand for?

- A.** Structured Query Language
- B.** Sequential Query Language
- C.** Simple Query Language
- D.** Standard Query Language

**12.** Which SQL command is used to extract data from a database?

- A.** EXTRACT
- B.** GET
- C.** SELECT
- D.** PULL

**13.** Which of the following is a basic function of a database?

- A.** Data storage
- B.** Data backup
- C.** Data redundancy
- D.** Data transformation

**14.** What is the purpose of a primary key in a database?

- A.** To uniquely identify a record
- B.** To sort data
- C.** To protect data
- D.** To link records

**15.** Which of the following is not a characteristic of a relational database?

- A.** Data stored in tables
- B.** Data redundancy
- C.** Data relationships
- D.** Data integrity

## ĐÁP ÁN

|        |       |        |       |        |       |        |       |        |        |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| Câu 1  | Câu 2 | Câu 3  | Câu 4 | Câu 5  | Câu 6 | Câu 7  | Câu 8 | Câu 9  | Câu 10 |
| B      | D     | D      | B     | B      | D     | B      | D     | A      | B      |
| Câu 21 |       | Câu 22 |       | Câu 23 |       | Câu 24 |       | Câu 25 |        |
| A      |       | C      |       | A      |       | A      |       | B      |        |

### Gợi ý / Giải thích:

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**Câu 1:** Think about the features of a computer database system

**Câu 2:** DBMS is used for more than just storing data

**Câu 3:** The answer is a term that does not belong to the DBMS types

**Câu 4:** It's a system, not a person or a concept

**Câu 5:** ACID stands for Atomicity, Consistency, Isolation, Durability

**Câu 6:** Think about what a DBMS is not responsible for

**Câu 7:** A disadvantage would be a negative aspect

**Câu 8:** Think about the types of operations you can perform on a database

**Câu 9:** Redundancy refers to repetition or duplication

**Câu 10:** The main advantage is related to the consistency of data

**Câu 11:** SQL is a standard language for managing data in databases

**Câu 12:** Think about the most common SQL commands

**Câu 13:** Think about the fundamental functions of a database

**Câu 14:** The primary key is an important concept in relational databases

**Câu 15:** Relational databases aim to minimize data redundancy