



Pre Test

Student: _____

1. Match each term with its correct definition

Anamnesis

Systematic documentation of a patient's medical history

Medical record

Records of question-response interactions between physicians and patients for the aim of diagnosis

2. How would you call the systematic collection, storage and processing of health information about patients?

- A. Electronic medical records
- B. Health insurance

3. Match each information system with its typical function

Hospital information system

Remote ECG diagnosis

Telemedicine platform

Departments and laboratories management

4. What is a common software development process?

- A. analysis → implementation → design → test
- B. analysis → design → implementation → test

5. What is a typical characteristic of the client-server software architecture?

- A. The server creates a request which is processed by the client.
- B. The user interface is provided by the client while the server remains hidden to the user.



6. Match the terms on the left with the corresponding group on the right

MySQL
Oracle
MS SQL

Database server

Java
PHP

Programming language

7. Which of the following piece of code will execute endlessly?

A.

```
n = 1;
while n < 100
    n = n + 1;
end;
```

B.

```
n = 1;
while n < 100
    n = n - 1;
end;
```

8. Which of the following SQL query returns the total number of rows in the database table A?

A.

```
select count(*) from A;
```


B.

```
drop table A;
```

9. Which programming environment is suitable for developing mHealth applications?

A. Android SDK
B. Matlab Engine API

10. Write a code that calculates the sum of all unpaired (odd) integers between 0 and 1000 (use a pseudo-language or a programming language of your choice).