

Topics : Information System & Its Components

**Question 1:**

(A)

Mr. A is a System Administrator of the company who must ensure the protection of Operating System used in information system of the company. How can this purpose be achieved? **(5 marks)**

(B)

Explain detective controls and corrective controls & its characteristics. **(5 marks)**

**Question 2:**

(A)

What are the different types of Technical exposures / threats? **(5 marks)**

(B)

What are objective of IS Auditing? **(5 marks)**

**Question 3:**

(A)

Write short notes on Cache Memory, Virtual Memory, RAM & ROM? **(5 marks)**

(B)

Write about Advantages of a DBMS. **(Any FIVE)** **(5 marks)**

**Question 4:**

(A)

What are the activities performed by Operating System. **(5 marks)**

(B)

The concept of data warehouse is simple, but execution of this concept is not that simple . What are the criteria's to be meet while designing the data warehouse.

**(5 marks)**

**Question 5: Objective questions**

**(1 mark x 10 = 10 marks)**

- 1) The full form of RAM is \_\_\_\_\_.
  - (a) Random Access Memory
  - (b) Read Access Memory
  - (c) Random Accessible Memory
  - (d) Random Authorization Memory
  
- 2) ETL stands for \_\_\_\_\_.
  - a) Extraction Transformation Load
  - b) Extracting Transfer Location
  - c) Extraction Transfer Load
  - d) Executing Telecommunication line
  
- 3) Which of these is not an example of Relational Database?
  - (a) Access
  - (b) MySQL
  - (c) Java
  - (d) Oracle
  
- 4) Windows 7, windows 10, Linux , Unix are the examples of \_\_\_\_\_.
  - a) Operating System
  - b) Application Software
  - c) Computer
  - d) System management
  
- 5) Technique involves embedding audit software modules within a host application system to provide continuous monitoring of the system's transactions.
  - (a) Audit hooks
  - (b) SCARF
  - (c) Integrated Test Facility (ITF)
  - (d) Continuous and Intermittent Simulation (CIS)
  
- 6) \_\_\_\_\_ does not allow data packets entry to private network server from unauthorized users, sources and with malicious content.
  - a) Enforced Path
  - b) Encryption
  - c) Data Management
  - d) Firewall
  
- 7) Which of the following is not a step involved in the Data Mining Process?
  - (a) Data Integration
  - (b) Data Selection
  - (c) Data Transformation
  - (d) Data distribution
  
- 8) Which of the following is not a functional unit of Central Processing Unit (CPU)?
  - (a) Control unit
  - (b) Input Devices
  - (c) Registers
  - (d) Arithmetic and Logic Unit

9) \_\_\_\_\_ represents collection of database.

- a) Records
- b) Field
- c) Files
- d) Data

10) \_\_\_\_\_ do not represent Transcription Error.

- a) Addition Errors
- b) Substitution Errors
- c) Truncation Errors
- d) Data Diddling