

Question II (B): Complete the following sentences using the suggested words below: [7 Marks]

Entity-Relationship Diagram (ERD), Text Mining, Structured Query Language (SQL), Radio frequency identification (RFID), Data Mining, Data Mart, Data Base, Virtual Private Network (VPN), Data Warehouse,

- a. Data manipulation language: Used to add, change, delete, retrieve data from database such as.....
- b. Theextracts current and historical data from multiple operational systems inside the organization. These data are combined with data from external sources and reorganized into a central database.
- c. is tools for consolidating, analyzing, and providing access to vast amounts of data to help users make better business decisions.
- d. used by database designers to document the data model and illustrates relationship between entities.
- e. finds hidden patterns, relationships in large databases and infers rules to predict future behavior.
- f.is a private network of computers linked using a secure "tunnel" connection over the Internet. It protects data transmitted over the public Internet by encoding the data and "wrapping" them within the Internet Protocol (IP).
- g. uses tiny tags with embedded microchips containing data about an item and location, and antenna.



Taif University

College of Computers and
Information Technology

CLO 1: 5 Marks

Question I (A): Choose the right answer

(1) Information systems raise new ethical questions because they create opportunities like one of the followings:

- (A) Intense Social Change.
- (B) Observing External Factors and filtering information back in to the firm.
- (C) Integrate information from multiple functions.
- (D) Integrate business processes to enhance organizational performance.

(2) One of the IT infrastructure components that is a set of physical devices and software required to operate enterprise

- (A) strategic-level systems.
- (B) operational-level systems.
- (C) Data Management Services.
- (D) knowledge-management systems.

(3) Which of the following Internet business models provides a digital environment where buyers and sellers can meet, search for products, display products, and establish prices for those products?

- (A) Portal
- (B) Virtual community
- (C) Online marketplace
- (D) Transaction broker

(4) The main component of the industry ecosystem are the followings EXCEPT:

- (A) New market entrants.
- (B) suppliers.
- (C) substitute products & services.
- (D) pure-play.



Taif University

College of Computers and
Information Technology

(2) A Web server is:

- (A) a computer whose only task is to access the Web.
- (B) a computer linking one network to another network.
- (C) part of a telecommunications server.
- (D) software for locating and managing stored Web pages.

(3) Practices and technologies for manufacturing, using disposing of computing and networking hardware called:

- (A) Cloud Computing.
- (B) Business Process.
- (C) Green Computing.
- (D) Grid Computing.

(4) A software/program produced by community of programmers, free and modifiable by user defined as:

- (A) Free Software.
- (B) Shareware Software.
- (C) Open-Source Software.
- (D) Commercial Software.

(5) A model of computing that provides access to a shared pool of computing resources (computers, storage, applications, and services), over a network, often the Internet defined as:

- (A) Data Mining.
- (B) Cloud Computing.
- (C) exceptional flexibility transaction processing systems.
- (D) Autonomic Computing.



Taif University

College of Computers and
Information Technology

- (5) All company activities are classified as either primary or support by the:
- (A) behavioral model.
 - (B) competitive forces model.
 - (C) value web model.
 - (D) value chain model.

Question I (B): Answer any ONE question

CLO 1: 5 Marks

- (1) Five moral dimensions of the information age? Explain.
- (2) Define an organization and compare the technical definition of organizations with the behavioral definition?



Taif University
College of Computers and
Information Technology

Question I (C): Answer the Question

CLO 1: 5 Marks

Write and define the Michael Porter's five competitive forces model that are fate of firm?

Question II (A): Choose the right answer

CLO 2: 5 Marks

(1) Firm infrastructure is organized at three major levels. Which of the following is NOT one of those levels?

(A) Business

(B) Enterprise

(C) private

(D) Public

FINAL-EXAM IT in Organizations

Question II (C): Answer any ONE question

CLO 2: 3 Marks

- (1) Define IT infrastructure and specify the different components
- (2) Draw a multitiered client/server network diagram

Question III (A): Choose the right answer

CLO 3: 4 Marks

(1) The capacity for manipulating and analyzing large volumes of data from multiple perspectives is called:

- (A) OLAP.
- (B) OODBMS.
- (C) normalization.
- (D) data cubing.

(2) It is a central database from multiple operational systems inside the organization combined with data from external sources:

- (A) Data Warehouse.
- (B) Data Mart.
- (C) rows and columns of data.
- (D) Text Mining.



Taif University

College of Computers and
Information Technology

Question I (C): Answer the Question

CLO 1: 5 Marks

Write and define the Michael Porter's five competitive forces model that are fate of firm?

Question II (A): Choose the right answer

CLO 2: 5 Marks

(1) Firm infrastructure is organized at three major levels. Which of the following is NOT one of those levels?

- (A) Business (B) Enterprise (C) private (D) Public

(3) Which of the following is a Data governance definition:

- (A) Usability.
- (B) Integrity.
- (C) Security.
- (D) All of above.

(4) The use of the Internet for purchasing goods and services as well as for transmitting messages using wireless mobile devices is referred to as:

Question III (B): Explain the following SQL

CLO 3: 3 Marks

```
SELECT PART.Part_Number, PART.Part_Name, SUPPLIER.Supplier_Number,  
SUPPLIER.Supplier_Name  
FROM PART, SUPPLIER  
WHERE PART.Supplier_Number = SUPPLIER.Supplier_Number AND  
Part_Number = 137 OR Part_Number = 150;
```




Taif University
College of Computers and
Information Technology

CLO 3: 3 Marks

Question III (C): Answer any ONE question

- (1) Define an Entity Relationship diagram with an example
- (2) List and define the four types of DBMS