**Week 3 : Managing Assets and Resources in the Digital Firm - Homework ES**

Top of Form

|  |  |
| --- | --- |
|  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **1.** A characteristic or quality describing an entity is called a(n): (Points : 2)         Field        Tuple        Key field        **Attribute** |  |  | | --- | | **2.** A DBMS: (Points : 2)  **Makes the physical database available for different logical views**.        Makes the logical database available for different analytical views.        Makes the physical database available for different analytical views.        Makes the relational database available for different analytical views. |  |  | | --- | | **3.** The type of logical database model that treats data as if they were stored in two-dimensional tables is the: (Points : 2)         OODBMS        pre-digital DMBS        **relational DBMS**        Hierarchical DBMS |  |  | | --- | | **4.** A field identified in a table as holding the unique identifier of the table's records is called the: (Points : 2)         **Primary key**        Key field        Primary field        Unique ID |  |  | | --- | | **5.** An automated or manual file that stores information about data elements and data characteristics such as usage, physical representation, ownership, authorization, and security is the: (Points : 2)         **Data dictionary**        Data definition diagram        Entity-relationship diagram        Relationship dictionary |  |  | | --- | | **6.** DBMS's typically include report-generating tools in order to: (Points : 2)         Retrieve and display data        **Display data in an easier-to-read format**        Display data in graphs        Perform predictive analysis |  |  | | --- | | **7.** The process of streamlining data to minimize redundancy and awkward many-to-many relationships is called. (Points : 2)          **Normalization**        Data scrubbing        Data cleansing        Data defining |  |  | | --- | | **8.** In what type of a database system is the central database replicated at all remote locations? (Points : 2)         Partitioned        Normalized         **Distributed**        Networked |  |  | | --- | | **9.** A data mart usually can be constructed more rapidly and at lower cost than a data warehouse because: (Points : 2)         **A data mart typically focuses on a single subject area or line of business**        All the information is historical        A data mart uses a Web interface        All of the information belongs to a single company |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **10.** OLAP is a tool for enabling: (Points : 2)  **Users to obtain online answers to ad hoc questions in a rapid amount of time**        Users to view both logical and physical views of data        Programmers to quickly diagram data relationships        Programmers to normalize data  **Week 4 : Networks and Telecommunications - Homework ES**    Top of Form   |  |  | | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **1.** Which device sends data packets to all connected devices in a network? (Points : 2)         Network interface card        **Hub**        Router        None of the above |  |  | | --- | | **2.** The most important communication standard today for linking disparate computers and networks is: (Points : 2)         **Transmission Control Protocol/Internet Protocol (TCP/IP)**        International Standards Organization (ISO)        Open Systems Interconnection (OSI)        File Transfer Protocol (FTP) |  |  | | --- | | **3.** Which protocol is the Internet based on? (Points : 2)         **TCP/IP**        FTP        Packet-switching        Frame relay |  |  | | --- | | **4.** In a bus network: (Points : 2)         **Signals are broadcast to the next station**        Signals are broadcast in both directions to the entire network        Multiple hubs are organized in a hierarchy        Messages pass from computer to computer in a loop |  |  | | --- | | **5.** A network that covers a large geographic area is most commonly referred to as a(n): (Points : 2)         Local area network        Intranet        Peer-to-peer        **Wide area network** |  |  | | --- | | **6.** Data is sent through the fiber-optic cable by a: (Points : 2)         Router        **Laser device**        Optical device        Multiplexer |  |  | | --- | | **7.** Web browser software requests Web pages from the Internet using which protocol? (Points : 2)         URL        **HTTP**        DNS        HTML |  |  | | --- | | **8.** Which technology uses the Internet Protocol to deliver voice information in digital form using packet-switching? (Points : 2)         TCP/IP        VPN        **VoIP**        None, voice information is digitally delivered using ATM |  |  | | --- | | **9.** The WiMax standard can transmit up to a distance of: (Points : 2)         300 feet        500 meters **31 miles**        50 miles |  |  | | --- | | **10.** In a RFID system, a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is electronically programmed with information that can uniquely identify an item, such as an electronic code. (Points : 2)         Reader        Antenna        Microchip        **Tag** | |  |  |  | | --- | --- | |  |  |   Bottom of Form | |

|  |  |
| --- | --- |
|  |  |

Bottom of Form