E - Technologies

48. Which of the following is/are true w.r.t. applications of mobile computing?
   - (A) Travelling of salesman
   - (B) Location awareness services
   - (1) (A) true; (B) false
   - (2) Both (A) and (B) are true.
   - (3) Both (A) and (B) are false.
   - (4) (A) false; (B) true.
   - Answer: 2

49. In 3G network, W-CDMA is also known as UMTS. The minimum spectrum allocation required for W-CDMA is ....
   - (1) 2 MHz
   - (2) 20 KHz
   - (3) 5 KHz
   - (4) 5 MHz
   - Answer: 4

50. Which of the following statements is/are true w.r.t. Enterprise Resource Planning (ERP)?
   - (A) ERP automates and integrates majority of business processes.
   - (B) ERP provides access to information in a Real Time Environment.
   - (C) ERP is inexpensive to implement.
   - (1) (A), (B) and (C) are false.
   - (2) (A) and (B) false; (C) true.
   - (3) (A) and (B) true; (C) false
   - (4) (A) true; (B) and (C) are false
   - Answer: 3

26. Match the following with respect to the mobile computing technologies :

List-I	List-II
a. GPRS	i. An integrated digital radio standard
b. GSM	ii. 3G wireless/Mobile technology
c. UMTS	iii. Nine different schemes for modulation and error correction
d. EDGE	iv. An emerging wireless service that offers a mobile data

   ```
        a   b   c   d
   (A) iii  iv  ii  i
   (B) iv   i   ii  iii
   (C) ii   iii iv  i
   (D) ii   i   iv  iii
   ```
   - Answer: B

30. SET, an open encryption and security specification model that is designed for protecting credit card transactions on the internet, stands for
   - (A) Secure Electronic Transaction
   - (B) Secular Enterprise for Transaction
   - (C) Security Electronic Transmission
   - (D) Secured Electronic Termination
   - Answer: A

43. Which of the following is widely used inside the telephone system for long-haul data traffic ?
   - (A) ISDN   (B) ATM
   - (C) Frame Relay   (D) ISTN
   - Answer: B

44. ……………. is not an E-Commerce application.
   - (A) House banking   (B) Buying stocks
   - (C) Conducting an auction   (D) Evaluating an employee

Answer: D

50. The use of smart card represents a form of:
(A) password encryption
(B) user-ID encryption
(C) authorization
(D) authentication
Answer: C, D

26. Which are the classifications of data used in Mobile Applications?
(A) Private data, User data, Shared data.
(B) Public data, User data, Virtual data.
(C) Private data, Public data, Shared data.
(D) Public data, Virtual data, User data.
Answer: C

47. Web Mining is not used in which of the following areas?
(A) Information filtering
(B) Crime fighting on the internet
(C) Online transaction processing
(D) Click stream analysis.
Answer: B

5. ……………. is process of extracting previously non known valid and actionable information from large data to

make crucial business and strategic decisions.

(A) Data Management

(B) Data base

(C) Data Mining

(D) Meta Data

Answer: C

47. .... refers loosely to the process of semi-automatically analysing large databases to find useful patterns.
(1) Datamining
(2) Data Warehousing
(3) DBMS
(4) Data mirroring
Answer: 1

47. .... is subject oriented, integrated, time variant, non-volatile collection of data in support of management decisions.
(A) Data mining   (B) Web mining
(C) Data warehouse   (D) Database Management System
Answer: C

48. In Data mining, classification rules are extracted from ....
(A) Data   (B) Information
(C) Decision Tree   (D) Database
Answer: C

47. Data mining is
(A) the process of extracting valid, previously unknown, comprehensible and actionable information from large databases and using it to make crucial business decisions.
(B) a tool that allows end users direct access and manipulation of data from within data warehousing environment without the intervention of customised programming activity.
(C) a tool that helps end users extract useful business information from large database.
(D) All of the above
Answer: A

50. Data Mining uses ………….., …………….. and …………….. to build effective predictive model.
      (i) Data set
      (ii) Information set
      (iii) Input set
      (iv) Process set
      (v) Output set
      (vi) Test set
      (A) (i), (ii) and (iv)
      (B) (ii), (iv) and (v)
      (C) (i), (v) and (vi)
      (D) (ii), (iii) and (v)
      Answer:

48. Dimensional modeling in Data mining refers to:
      (A) view and interrogate data
      (B) define structures and store data
      (C) retrieve information only
      (D) none of these
      Answer: A

49. Predictive modelling in data mining uses .... technique.
      (A) Statistical
      (B) Association Discovery
      (C) Value prediction
      (D) None of these
      Answer: A

46. Data Mining can be used as .... Tool.
      (A) Software   (B) Hardware
      (C) Research   (D) Process
      Answer: C

50. In Data mining, ... is a method of incremental conceptual clustering.
      (A) STRING   (B) COBWEB
      (C) CORBA   (D) OLAD
      Answer: B

49. Discovery of cross sales opportunities is called as ....
      (A) Association   (B) Visualization
      (C) Correlation   (D) Segmentation
      Answer: A

47. Consider the following two statements:
      (a) Business intelligence and Data warehousing is used for forecasting and Data mining.
      (b) Business intelligence and Data warehousing is used for analysis of large volumes of sales data.
      Which one of the following options is correct?
      (A) (a) is true, (b) is false   (B) Both (a) and (b) are true
      (C) (a) is false, (b) is true   (D) Both (a) and (b) are false
      Answer: B

50. Given the following statements:
      (a) Strategic value of data mining is time stamping
      (b) Information collection is an expensive process in building an expert system.
      Which of the following options is correct ?
      (A) Both (a) and (b) are false   (B) Both (a) and (b) are true
      (C) (a) is true, (b) is false   (D) (a) is false, (b) is true
      Answer: B

49. Link analysis operation in data mining uses.......................technique.
    (A) Classification   (B) Association discovery
    (C) Visualisation   (D) Neural clustering
    Answer: B

50. The maximum size of SMS in IS-95 is..............octets.
    (A) 120   (B) 95   (C) 128   (D) 64

48. Downflow is the process associated with .... and backup of data in a warehouse.
    (A) packaging
    (B) archiving
    (C) extraction
    (D) loading
    Answer: B