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DEPARTMENT OF BBA[COMPUTER APPLICATION]

Question Bank

Name of Subject – RTIT

Q Solve the following question

1. Define the term Metric.
2. Explain the terms :
3. Server
4. Client.
5. Define Datawarehouse.
6. Define the term plain text.
7. Explain cloud computing.
8. List out the methods of performing Database Replication.
9. What is software prototyping ?
10. What is Data cube ?
11. What is Public key ?
12. Define the term mobile computing
 - a. Explain Software Measurement in Software Process.
 - b. Explain Client/Server Architecture in brief.
 - c. Explain Multidimensional Data Model.
 - d. Define Cryptography. Explain Digital signature in brief.
 - e. Describe cloud computing models in detail.
13. What is green computing ? Explain needs of green computing.
14. Which are the properties of Message Digest ?
15. Define Data Mining. Explain functionalities of Data Mining.
16. Explain types of fragmentation in distributed database.
17. Differentiate between Formal communication and Informal communication
18. Explain Data Integration and Transformation.
19. What are the other public key algorithms ?
20. What is soft computing ? Describe characteristics of soft computing.
21. Explain Abstract Data types.

22. What are the current and future trends in mobile computing ?
23. (b) Define the terms :
24. Active Attack
25. Passive Attack.
26. (c) Write a short note on One Time Pad.
27. (d) Distinguish between Soft Computing and Hard Computing.
28. Explain applications of Datawarehouse
 - a. Define the term Indicator.
 - b. Define Varying Arrays.
 - c. Define the term OLAP.
 - d. Explain the term Cipher Text.
 - e. List different models for cloud computing.
 - f. What is Data Fragmentation ?
 - g. List the types of software prototyping.
 - h. Explain the term Data Mining.
 - i. Define the term cryptography.
 - j. Explain the term soft computing.
29. Describe the role of requirement analysis in software process.
30. Explain naming conventions for objects.
31. Describe Architecture of Data Warehouse in detail.
32. Explain message digest in cryptography.
33. What is cloud computing ? Describe its technological features in detail.
34. What is Green Computing ? Describe the steps to take towards Green Computing.
35. Explain the following terms :
36. Data Encryption Standard
37. Advance Encryption Standard.
38. Explain Data Cleaning ? What are the tools of Data Cleaning ?
39. Explain in detail, the factors affecting Software Quality.
40. What is Software Management ? Explain its types.
 - a. Explain data pre-processing techniques in detail.
 - b. Explain symmetric key signature and public key signature.
 - c. Distinguish between Soft computing and Hard computing.
 - d. State the difference between stand alone verses distributed database.
 - e. What are the current and future trends in mobile computing ?
41. Explain Data Mining process in detail.
42. Define the terms :
43. Active Attack and
44. Passive Attack.

45. Explain the types of cryptography in detail.
46. Write a short note on 'One-Time-Pad'.
47. Explain the applications of Data Warehousing in detail.
 - a. What is Homogeneous distributed database ?
 - b. What is Software quality assurance (SQA) ?
 - c. List the features of data warehouse.
 - d. Define the term Secret key.
 - e. List the cloud services model.
 - f. Which are the types of database fragmentation ?
 - g. List out the software quality factors.
 - h. Explain the term Data cleaning.
 - i. Define the following terms :
 - j. Encryption
48. Decryption.
 - a. Explain the term 'GPS
 - b. Explain communication techniques used in software development process.
 - c. Explain large object data types in detail.
 - d. Define data mining. Give advantages and disadvantages of data mining.
 - e. Explain symmetric key algorithm in cryptography.
 - f. What is cloud computing ? Explain advantages and disadvantages in detail.
49. What is Green computing ? Explain features of green computing.
50. Explain the following terms :
51. DES–Data Encryption Standard
52. AES–Advanced Encryption Standard.
53. Explain OLAP architecture. What are the OLAP operations ?
54. Write a short note on analysis principles in software process.
55. Write down the pros and cons in software prototyping.
 - a. Explain Data Reduction. What are the strategies of data reduction ?
 - b. Write a short note on RSA.
 - c. What is soft computing ? Describe techniques of soft computing in detail.
 - d. Explain Abstract data types.
 - e. What are the current and future trends in mobile computing ?
56. Explain architecture of Data Mining.
57. Define :
58. Active Attack
59. Passive Attack.
60. What is cryptography ? Explain types of cryptography.
61. Write a short note on One time pad.
62. Explain applications of data warehouse.
63. (a) What is software metrics ?

64. (b) Define the term LOC.
65. (c) List the large object.
66. (d) Define the term DDBMS.
67. (e) What is Data Cube Technology ?
68. (f) What is Data Integration ?
69. (g) What is Security Attack ?
70. (h) Define the term Digital Signature.

71. (a) Describe types of requirement in detail.
72. (b) What is fragmentation ? Describe its types in detail.
73. (c) What are the advantages and disadvantages of Object Relational Database system ?
74. (d) Explain the concept of DES algorithm in detail.
75. (e) What is Computing ? Describe types of computing.

76. (a) Write on advantages and disadvantages of prototyping model.
77. (b) Describe need and characteristics of cloud computing.
78. (c) Describe components of Data Warehouse in detail.
79. (d) Describe Architecture of Data Mining.
80. (e) Write on Role of Requirement Analysis in Software Process.
81. (a) Write on Complexity metrics in detail.
82. (b) Describe advantages and disadvantages of Data Replication.
83. (c) Explain star schema for Data Warehouse.
84. (d) What is Data Mining ? Describe its advantages and disadvantages.
85. (e) Describe advantages and disadvantages of mobile computing
86. (a) Describe software quality assurance in detail.
87. (b) Write on client server base architecture of Database System.
88. (c) Write on functionalities of Data Mining in detail.
89. (d) Differentiate private key and public key cryptography.
90. (e) What is Green Computing ? What are the reasons of using
91. green computing ? Describe its objectives.