Viva questions on RDBMS-II

BTCS-604

1 Why a database is called as relational database model?

2 What are entities and attributes referring to?

3 What do you understand by relation in relational database model?

4 Why domain is of high importance?

5 What is the difference between base and derived relation?

6 What are constraints in database?

8 What are the two principles of relational database model? What is the difference between them?

9What is the difference between primary and foreign key?

10. Why stored procedures are called as executable code?

11. What is an index represent in relational database model?

12. What are the relational operations that can be performed on the database?

13. What do you understand by database Normalization?

14. What are the different types of normalization that exists in the database?

15. How de-normalization is different from normalization?

16. What is the type of de-normalization?

17. How many levels of data abstraction present?

18. What is the difference between extension and intension?

19. What are its two major subsystems of System R?

20. What do you understand by Data Independence?

22. Why E-R models are used?

23. What is the purpose of acid properties?

24. What do you understand by cardinality and why it is used?

25. What is the difference between DBMS and RDBMS?

26 What is the difference between recovery and restoring of the database?

27 If an Oracle database has crashed. How would you recover the transactions that are not in the backups?

28 What are the advantages of operating a database in archivelog mode over operating it in no archivelog mode ?

29 What are the steps involved in database shutdown ?

30 What are the different methods of backing up oracle database?

31 What is a logical backup?

32 What is cold backup? What are the elements of it?

33 What are the different kinds of export backups?

34 What is hot backup and how it can be taken?

35 How would you decide your backup strategy and timing for backup?

36 What is the use of NVL function?

37 How do you generate file output from SQL?

38 What are the principal release branches of Weka?

39 Where can I get old versions of WEKA?

40 How do I get the latest bugfixes?

41 Can I check my CLASSPATH from within WEKA?

42 Where is my home directory located?

43 Can I check how much memory is available for WEKA?

44 Can I use WEKA in commercial applications?

45 Differentiate between Data Mining and Data warehousing.

46 What is Data purging?

47 What are the different problems that “Data mining” can solve?

48 What is MODEL in Data mining world?

49 How does the data mining and data warehousing work together?

50 What are Application Servers, Web Servers, LDAP servers and Database Servers ?

51 What is a virtual host ?

52 What are portlet window states and portlet modes ?

53 How to install our Web Application In IIS Web Server?

54 Can we run multiple websites with same port number and different IP address?

55 How many times are working in IIS Server?

56 What is App Pool and App Domain? What is the difference between the two in IIS?

57 What is presentation layer responsible for in the OSI model?

58 What is the name of the user who connects to the Web site anonymously?

59 Which TCP/IP port does SQL Server run on? How can it be changed?

60 What are the difference between clustered and a non-clustered index?

61 What's the difference between a primary key and a unique key?

62 What is SQL Profiler?

63 What is SQL Server Agent?

64 How do I create an AUTOINCREMENT field.

65 What datatypes does SQLite support?

66 SQLite lets me insert a string into a database column of type integer!

67 Why doesn't SQLite allow me to use '0' and '0.0' as the primary key on two different rows of the same table?

68 Can multiple applications or multiple instances of the same application access a single database file at the same time?

69 Is SQLite threadsafe?

70 How do I list all tables/indices contained in an SQLite database

71 Are there any known size limits to SQLite databases?

72 What is the maximum size of a VARCHAR in SQLite?

73 Does SQLite support a BLOB type?

74 How do I add or delete columns from an existing table in SQLite.

75 I deleted a lot of data but the database file did not get any smaller. Is this a bug?

76 Can I use SQLite in my commercial product without paying royalties?

77 How do I use a string literal that contains an embedded single-quote (') character?

78 What is an SQLITE_SCHEMA error, and why am I getting one?

79 Why does ROUND(9.95,1) return 9.9 instead of 10.0? Shouldn't 9.95 round up?

80 I get hundreds of compiler warnings when I compile SQLite. Isn't this a problem? Doesn't it indicate poor code quality?

81 Case-insensitive matching of Unicode characters does not work.

82 INSERT is really slow - I can only do few dozen INSERTs per second

83 I accidentally deleted some important information from my SQLite database. How can I recover it?

84 What is an SQLITE_CORRUPT error? What does it mean for the database to be "malformed"? Why am I getting this error?

85 Does SQLite support foreign keys?

86 I get a compiler error if I use the SQLITE_OMIT_... compile-time options when building SQLite.

87 My WHERE clause expression column1="column1" does not work. It causes every row of the table to be returned, not just the rows where column1 has the value "column1".

88 How are the syntax diagrams (a.k.a. "railroad" diagrams) for SQLite generated?

89 The SQL standard requires that a UNIQUE constraint be enforced even if one or more of the columns in the constraint are NULL, but SQLite does not do this. Isn't that a bug?

90 What is the Export Control Classification Number (ECCN) for SQLite?

91 What is SDLC ?

92 Why do we need an SDLC ?

93 What does CRS, BRS, BS, FS stand for?

94 What are the advantages of V shaped Model?

95 What is the difference between CRS and SRS ?

96 Who is involved in gathering requirements ?

97 What is the full form of HLD ? Why is it used.

98 What is FS document ? who prepares it.

99 What is a Change Request ?

100 Can you explain the PDCA cycle and where testing fits in?

101 What is the difference between white box, black box, and gray box testing?

102 Can you explain usability testing?

103 What are the categories of defects?

104 How do you define a testing policy?

105 On what basis is the acceptance plan prepared?

106 What is the difference between a defect and a failure?

107 Describe how the DHCP lease is obtained.

108 How can you force the client to give up the dhcp lease if you have access to the client PC?

109 What authentication options do Windows 2000 Servers have for remote clients?

110 What are the networking protocol options for the Windows clients if for some reason you do not want to use TCP/IP?

111 How do you recover an object in Active Directory, which is accidentally deleted by you, with no backup?

112 If 512mb Ram is there what will be the minimum and maximum Virtual memory for the system?

113 What domain services are necessary for you to deploy the Windows Deployment Services on your network?

114 What is the difference between a basic and dynamic drive in theWindowsServer2008environment?

115 What is the main purpose of a DNS server?

116 What's your approach to managing a project?

117 What's your school of thought on project management -- are you an agile person?

118 How do you do your scheduling?

119 How do you allocate resources?

120 How do you do status updates?

121 What were the challenges on your last project?

122 When the project didn't go well, what happened?

123What happens when your projects fail?

124 How do you do contingency planning?

125 What is your favorite way to deliver and present results?

126 What type of closure processes have you done?

127 Do you typically revisit projects a few months after delivery?

128 What is ASP?

129 What is ASP.NET?

130 What is the basic difference between ASP and ASP.NET?

131 In which event are the controls fully loaded?

132 How can we identify that the Page is Post Back?

133 Which is the parent class of the Web server control?

134 What are the advantages of the code-behind feature?

135 How do you sign out from forms authentication?

136 Differentiate between swings and awt in java.

137 What is the default value of variables in java?

138 What is JavaScript?

139 How do we add JavaScript onto a web page?

140 What are the types used in JavaScript?

141 What is the difference between “==” and “===”?

142 What are the ways of making comments in JavaScript?

143 What would be the output of the following statements?

144 How will you get the Checkbox status whether it is checked or not?

145 What is VB.NET?

146 What is the base type in VB.NET from which every type is derived?

147 What is the meaning of Protected friend accesss modifier?

148 What kind of inheritance is supported by VB.NET?

149 What is Shadows modifier in VB.NET?

150 What is the keyword used to prohibit a class from being inherited?