INTERNATIONAL INDIAN SCHOOL, RIYADH

XI – XII BOYS SECTION

INFORMATICS PRACTICES WORKSHEET

15TH CHAPTER DATABASE TRANSACTION

IMPORTANT QUESTION

Grade- XII

1. What is the benefit of Transaction?
2. What are the five states of the transaction?
3. What will happen when COMMIT statement is issued?
4. What will happen when ROLLBACK statement is issued?
5. How can you start a new transaction? Write the steps

13TH CHAPTER XML

1. What are advantage of using XML?
2. How is XML different from HTML?
3. What advantage does XML offer over SGML?

17TH CHAPTER TABLES AND INTEGRITY CONSTRAINTS

1. Write the SQL command to create the table PRODUCT including its constraints.

Table : PRODUCT

Name of Column	Datatype	Constrint
PID	Int(4)	PRIMARY KEY
P_Name	VARCHAR(15)	NOT NULL
P_Company	VARCHAR(15)	NOT NULL
Price	DOUBLE(10)	DEFAULT 1000

2. Write the MySql command for creating a table "BANK" whose structure is given below..

Table : BANK

Field Name	Data Type	Size	Constraint
Acct_number	Integer	4	Primary key
Name	Varchar	3	
BirthDate	Date	NOT NULL	
Balance	Integer	8	Not Null

8TH CHAPTER GUI DIALOG AND TABLES

1. Write the import statement required for using JOptionPane class.
2. What does showConfirmDialog() method of JOptionPane class do?
3. What does showInputDialog() method of JOptionPane class do?
4. What is a table model? What is its significance?

9TH DATABASE CONNECTIVITY TO MYSQL

1. Expand the term

   ODBC   ii)   JDBC
2. What is JDBC? What is its basic functionality?
3. What is the JDBC – ODBC Bridge?
4. Explain the purpose of DriverManager.
5. Explain the JDBC driver types in Java.
6. Name the four components of JDBC

10TH CHAPTER WEB APPLICATION DEVELOPMENT

1. What is a protocol? How do protocols affect Internet?
2. In what ways is the WWW different from other server on the Internet?
3. Differentiate between a web browser and web server.
4. What is Client server computing? Can you give example of a real-life situation that uses client server computing?

11TH, 12TH CHAPTER HTML – I, II

1. Which HTML tags are used for making a table and adding data in HTML table.

2. How is <ol> tag different from <ul> tag of HTML?

3. Give the expansion of the following:
    i)   tag
    ii)   tag
    iii)
 tag
    iv)   <a> tag

4. What is the different between <basefont> and <font> tags?
5. What is the different between container tags and empty tags?
6. What is wrong with following coding?
   <ol type="a" start = "d">
7. What for are rowspan and colspan attributes used?
8. What is the similarity and difference between text box control and text area control?
9. What is the difference between radio button and check box control?
10. Which attributes are used to control the table tag?

6TH CHAPTER MORE ABOUT CLASSES AND LIBRARIES

1. What are the classes required for Database Connectivity
2. Write a short note on data encapsulation with reference to Object Oriented Programming (OOP)

3. Define:
     i)   Object
   Class
4. What is the difference between call by value and call by reference

5. Why return statement is used in a method?
6. What is the difference between private and protected member?

7.   What is a public, private and protected methods?

8.   What is meant by private visibility of a method?

9.   What are constructors used for? How are they defined?

10. What is the purpose of a constructor?

7TH CHAPTER CONCEPT OF INHERITANCE

1.   What are the different forms of Inheritance?
2.   Define inheritance with reference to object oriented programming.

3.   What is an interface?
4.   What is a method's signature?
5.   Difference between Swing and AWT
6.   How constructor and destructor work in inheritance

2ND CHAPTER OPEN SOURCE CONCEPTS

1.   Write examples of one proprietary and one open source software

2.   Name two Indian script included in Unicode

3.   Mr.Jayanto Das is confused between shareware and open source software. Mention at least two points of differences to help him understand the same.

4.   How is hacker different from cracker?
5.   Write the difference between a freeware and free software

6.   Expand the following abbreviations and explain in brief
       a) FLOSS   b) GNU
7.   Write examples of one proprietary and one open source software (OSS).

8.   Which of the following is not the characteristics of an open source software
       (i)   Its source code is available for modification
       (ii)   It is owned by a computer or an individual
       (iii)   It can be downloaded from Internet

      (iv)   All of the above

9. What is OSS?

10. Expand the terms: OSI, FLOSS, FSF, GNU, W3C, and PHP.

11. What is free software?

12. Define freeware and shareware.

13. What is openoffice.org?

14. What are different font categories?

15. What is ODF?

16. What is key map based text entry?

17. What is Unicode?

18. What is ISCII?