

HOLIDAY HOME WORK
CLASS – XII
SUBJECT – IP

HOLIDAY HOMEWORK(Revise And Do The Following Questions In Your CW Register)

- a. What is SQL? Differentiate between SQL and My SQL?
- b. What do you mean by a Database Management System?
- c. What is a foreign key? Illustrate with example?
- d. What is primary and unique key?
- e. What is referential integrity?
- f. is null value and zero same in MySql?
- g. Which keyword eliminates redundant data in from a query result?
- h. What is NOT NULL constraint?
- i. Will the following statement execute. If not rewrite the correct query.
 - i. DELETE ALL FROM TABLE EMP;
- j. Differentiate between WHERE and HAVING clause?
- k. What is difference between char and varchar?
- l. What do you understand by the candidate key and alternate key of a relation in relationaldata base?
- m. Write MySql command to
 - i. View all the databases
 - ii. View all the tables in databse school
 - iii. To see the structure of the table student

- a. The Department column and date of joining of a table Employee is given below:

Department	Date_of_Joinin
Biology	2009-07-19
Zoology	2007-02-13
Bio_Tech	2010-05-15
Psycology	2011-09-06

- (i) Based on the above table write SQLQuery to display the name of those departments whose name ends with y and has B as its second character?
 - (ii) Based on the above table write SQL Query to display the name of those departments Whosename starts with ps.
- b. What is a rollback ,savepoint and autocommit?Explain with example?
 - c. .NAME any 2 TCL commands are supported by SQL?
 - d. A table STUDENT has 5 rows and 3 columns. Table ACTIVITY has4 rows and 2 columns. What will be the cardinality and degree ofthe Cartesian product of them?

e. In a Database, there are two tables given below:

Table : EMPLOYEE

EMPLOYEEID	NAME	SALES	JOBID
E1	SAMIT SINHA	1100000	102
E2	VIJAY SINGH TOMAR	1300000	101
E3	AJAY RAJPAL	1400000	103
E4	MOHIT RAMNANI	1250000	102
E5	SHAILJA SINGH	1450000	103

Table : JOB

JOBID	JOBTITLE	SALARY
101	President	200000
102	Vice President	125000
103	Administration Assistant	80000
104	Accounting Manager	70000
105	Accountant	65000
106	Sales Manager	80000

- (i) To display employee ids, names of employees, job ids with corresponding job titles.
- (ii) To display names of employees, sales and corresponding job titles who have achieved sales more than 1300000.
- (iii) To display names and corresponding job titles of those employee who have 'SINGH' (anywhere) in their names.
- (iv) Identify foreign key in the table EMPLOYEE.
- (v) Write SQL command to change the JOBID to 104 of the Employee with ID as E4 in the table 'EMPLOYEE'.

2.

- (i) Write one advantage and one disadvantage of e-governance to users.
- (ii) What precaution must be taken with regard to making payments while shopping online?

3. Write the name of the swing control

S.No.	Function
1	To enter first name of employee
2	To select gender (M/F)
3.	To choose nationality
4	To allow entering remarks about the employee in the form of paragraph.
5.	To choose hobbies from a given set of hobbies.

4. TYPE the project given in the class.

Questions based on Netbeans Java

1.	Mr.Ashmit has developed a Java Application through which Clients of a Bank sitting at home can view their Balance by entering their Account Number. The Balance brought forward along with last few transactions are displayed in the various TextFields. What should he do so that the clients are able to view but not change the contents of the TextFields?			
2.	While working in Netbeans, Rameeta included a Listbox in the form. Now she wants the list of her friends' names to be displayed in it. Which property of Listbox control should she use to do this?			
3.	While working in Netbeans, Samrita included three Radio Buttons in the form to select the streams i.e Sciences, Commerce or Humanities. What should she do so that the user is able to select only one of the Radio Buttons?			
4.	While making a Form in Netbeans, Mr.HariharJha wants to display a list of countries to allow the users to select their own country. Suggest him to choose most appropriate control out of ListBox and ComboBox.			
5.	While working in Netbeans, Mr Rangnath wants to display 'Eligible' or 'Not Eligible' message depending the age entered in jTextField1. Help him to choose more appropriate statement out of 'if statement' and 'switch statement' to do the same. Justify your answer.			
6.	Write a statement to make jTextField1 as un- editable.			
7.	What is the purpose of break and default clause in a switch statement?			
8.	A phone number consisting of 10 digits, is stored in a string variable strPhone. Now it is required to store this number in a Long type variable lngPhone. Write a Java statement to do this.			
9.	Item code consisting of 5 digits is stored in an integer type variable called intItemCode. Now Mr. Srikant wants to store this Item code in a String type variable called strItemCode. Write suitable Java statement to help him in performing the same.			
10.	What will be displayed in jTextField1 after executing the following statement : jTextArea1.setText("Live\nIn Peace\t and harmony");			
11.	What will be displayed in jTextField1 after executing the following statement : jTextArea1.setText("GREAT\n\tCOUNTRY\n\t\t INDIA");			
12.	What will be displayed in jTextField1 after executing the following statement : jTextArea1.setText("\tHANSRAJ\nMODEL\tSCHOOL");			
13.	How many times will each of the following loop execute? Which one of these is an entry controlled loop and which one is an exit controlled loop?			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"> Loop1: int Product=1, i = 4; while(i<= 4) { Product *= i ; i++; } </td> <td style="padding: 5px;"> Loop2: int Product=1 , i=4; do { Product *= i; i++ ; } while (i<=4); </td> </tr> </table>	Loop1: int Product=1, i = 4; while(i<= 4) { Product *= i ; i++; }	Loop2: int Product=1 , i=4; do { Product *= i; i++ ; } while (i<=4);	
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14.	What will be the values of variables sum and sum1 after execution of the following 2 loops?			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"> Loop A int v=6,sum= 0; while (v>3) {sum+=v; v-=2; } </td> <td style="padding: 5px;"> Loop B int w=6, sum1=0; do {.. sum1+=w; w-=2; }while(w>3); </td> </tr> </table>	Loop A int v=6,sum= 0; while (v>3) {sum+=v; v-=2; }	Loop B int w=6, sum1=0; do {.. sum1+=w; w-=2; }while(w>3);	
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