

CLASS XII SAMPLE PAPER INFORMATICS PRACTICES

Time: 1 Hr.

M.M. 20

- Q1. What is the difference between Bridge and Router? [2]
- Q2. What are DDL and DML Commands? [2]
- Q3. Write any two difference between XML and HTML. [1]
- Q4. Common wealth International is a bank. The bank provides three types of loans – Car Loan, House Loan, education Loan. The following is the Interest rate and discount calculation form.
The list of controls for the above form is as follows:

Control Type	Control Name	Property value
TextField	jTextField1	txtLAmount
	jTextField2	txtLAmount
	jTextField3	txtDisc
	jTextField4	txtNAmount
JRadioButton	JRadioButton1	optCar
	JRadioButto2	optHouse
	JRadioButton3	optEdu

- (a). Write the command for clear button to clear all the text boxes and set car loan as default loan type. [1/2]
- (b). Write the command for Show Interest Amount button to show the Interest rate I txtRate according to the following criteria. [2]
- Car Loan ---- 10%

House Loan ----- 8.5%

Education Loan ----- 5%

(c). Write the command for calculate Discount Button to find discount on loan amount and amount after discount. Notice that the bank provides discount on loan amount according to following criteria. [2]

- If amount $\leq 10,00,000$ then 0.20% discount.
 - If amount $> 10,00,000$ then 0.25% discount.
- The discount amount = interest Amount – discount amount.

(d). Write the code for exit button to close the application. [1/2]

Q5. Write the resulting output of the following : [1/2 x 4 = 2]

- (i). Select Floor(3456.98) + Ceil (987.89);
- (ii). Select Substr('ABS public School', 1,3);

[P.T.O.]

- (iii). Select 1000+ sqrt(100);
- (iv). Select Instr (trim(' ABS public School '), 5);

Q6. Write SQL Commands for the statements (i) to (x) on the basis of the table COACHING : [1/2 x 10 = 5]

Table : Coaching

Name	Age	Dept	D_of_Adm	Fee	Sex
Rahul	24	Hindi	2009-01-10	2000	M
Kumar	21	Computer	2008-03-24	1200	M
Abha	23	History	201-12-09	3000	F
Suman	25	History	2001-09-09	2500	F
Kulkarni	22	Computer	2002-05-18	4000	M
Rohit	25	Hindi	2009-12-17	3500	M

- (i). To show all information about the students of Computer Department.
- (ii). To list the name of Male students who are in Hindi Dept.
- (iii). To list the name of all the students in ascending order of their Age.
- (iv). To display Age, fees of females students who pay more than 350.
- (v). To display all the names that end with "ni".
- (vi). To count the number of students with age greater than 22.
- (vii). to Display Distinct Departments.
- (viii). To change the fees to 700 for all the persons in History Departments.
- (ix). Delete all the records having fees less than 200 and age greater than 22.
- (x). To show the sum of fees department wise.

Q7. In the Database there are two tables SUPPLIER and PRODUCT as shown below:

Table : SENDER

SenderID	SenderName	SenderAddress	SenderCity
ND01	R Jain	1, ABC Appts	New Delhi
MU02	H Sinha	12, Newton	Mumbai
MU15	S Jha	27/A, Park Street	Mumbai
ND50	T Parsad	122 – K, SDA	New Delhi

Table : RECIPIENT

RecID	SenderID	RecName	RecAddress	RecCity
K005	ND01	R Bajpayee	5, Central Avenue	Kolkata
ND08	MU02	S Mahajan	116, A Vihar	New Delhi
MU19	ND01	H Singh	2A, Andheri East	Mumbai
MU32	MU15	P K Swamy	B5, C S Terminus	Mumbai
ND48	ND50	S Tripathi	13, B1 D, Mayur Vihar	New Delhi

Write SQL commands for the statements

(a). To Display the RecID, SenderName, SenderAddress, RecName for every recipient. [1^{1/2}]

(b). To Display the Sender City and the Receiver Name for every recipient having RecName starting with B. [1^{1/2}]

