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UT-III (2016-17)
CLASS - XI
SUBJECT - INFORMATIS PRACTICES

Max Marks : 40   **Time :1.30hrs**

1. Write java statement to make a jTextField1 un-editable during execution.   [1]

2. What is the use of comment?   [1]

3. What is the significance of default clause in switch statement?   [1]

4. What is the difference between check box and radio button?   [1]

5. Define the following   [2]

      i) DBM   ii) Data Dictionary

6. Differentiate between char and varchar datatypes.   [2]

8. Rewrite the following using switch statement   [2]

```
charch;
if (ch= ='A')
System.out.println("accountanat");
else if (ch == 'C'|| ch =='K')
System.out.println("Clerk");
else if (ch=='T')
System.out.println("Technician");
```

9. Rewrite the following code using if..else if without effecting the output of the code: [2]

```
{
case 90 :
System.out.println("A1");    break;
case 80 :
System.out.println("A2");    break;
case 70 :
System.out.println("B1");    break;
case 60 :
System.out.println("B2");    break;
```

```
case 50 :
System.out.println("C1");    break;
default:
System.out.println("D1");    break;
}
```

10. How many times will the following code execute   [2]

```
int s=1;
int count =0;
do
{ count++;
        s++;
} while (s >10);
```

11. What are these methods used for?   [3]

i)isEditable()

ii)setEditable()

iii)getEchoChar()

12. What are the various database models available for database systems.   [3]

13. What are the three levels of data abstraction?   [3]

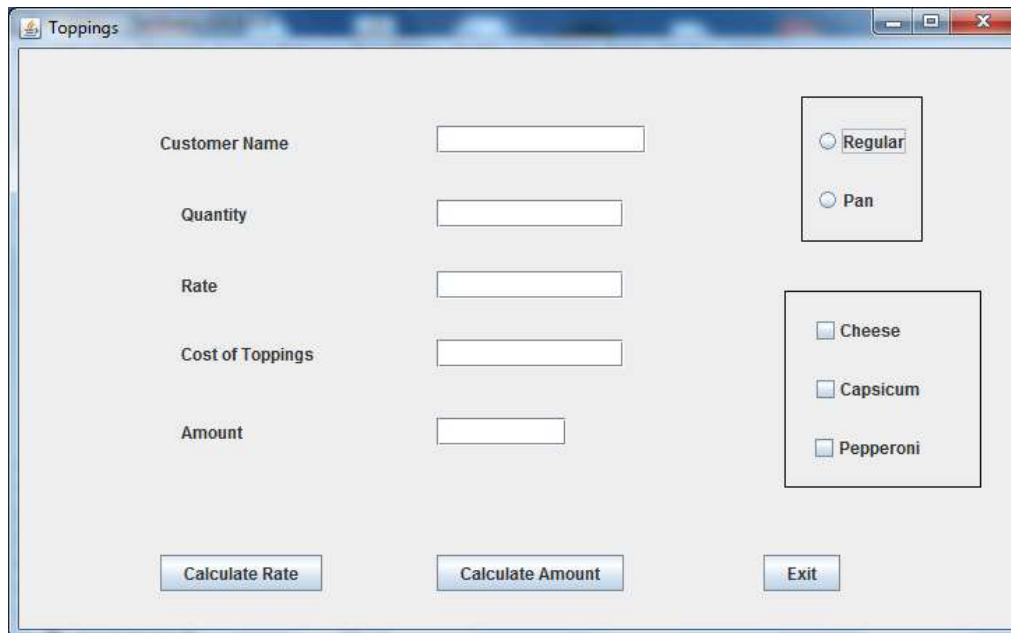14. Explain concept of data independence.   [3]

15. Write a JAVA program to calculate HCF of two given number.   [4]

16. Given the table student.Write the SQL commands for (i) to (iv)   [4]

ROLL NO	NAME	CLASS	DOB	SEX	GRADE
1	SUMIT	XI	6-6-1995	M	A
2	SONAL	XI	8-9-1994	F	A
3	AMIT	XII	5-11-1995	M	B
4	RAHUL	XII	8-9-1994	M	C
5	KANCHAN	XII	2-3-1994	F	A
6	MAMTA	XI	4-12-1995	F	C
7	NISHANT	XI	10-4-1995	M	B

i) To display all information of students of class XII.

ii)To list the names of female students with grade A.

iii)To list grades of all students whose name ends with N.

iv)To display list of students in ascending order of DOB.

17. The Pizza café has computerized its billing. The following is the data entry screen used at their outlet. The outlet offers two different types of pizzas, regular and pan pizzas. The price of a regular is Rs. 90 and that of a pan pizza is Es. 110. The user can choose to have three different types of extra toppings if he wants. Each extra topping costs Rs. 20.   [6]

a)Write a command to disable the text fields Rate, Cost of Toppings, Amount.

b)Write the code for 'Calculate Rate' to calculate the rate of the rate of the pizza and display it in Rate text field depending on the type of pizza selected by the customer.

c)Write the code for 'Calculate Amount' to calculate the total amount and display it in Amount Text Field . The total amount is calculated by first finding the cost of extra toppings selected by the

customer. Remember each extra topping cost Rs. 20 therefore if the user selects 2 toppings will be Rs. 40. Then add it to the rate and multiply the resultant amount by the quantity ordered.

d)Write the code for exit button.

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