

# CLASS XI

## GUESS PAPER

### INFORMATICS PRACTICES

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Time:- 3Hrs

MM: 70

General Instructions:-

1. Attempt all the questions carefully.
2. Section A is of 30 marks, Section B is of 20, C is of 15 & D is of 5 marks each.

#### Section-A

Q1. Answer the questions: -

- |  |   |
|--|---|
| 1. What are container controls?                | 2 |
| 2. What do you mean by a message and an event? | 2 |
| 3. What are different characteristics of java? | 2 |
| 4. What is a literal?                          | 2 |
| 5. Write different operators in java?          | 2 |

Q2. Answer the questions:-

- |   |   |
|---|---|
| 1. What is a list? How it is different from combo box?      | 2 |
| 2. How do you add/remove elements to a list?                | 1 |
| 3. Write the advantages of using methods in programs.       | 2 |
| 4. What is a class? Write its syntax.                       | 2 |
| 5. What is a method? What are actual and formal parameters? | 3 |

Q3. Answer the questions:-

- |                                 |   |
|---------------------------------|---|
| 1. Write the elements of MYSQL. | 2 |
|---------------------------------|---|

2. Differentiate between CHAR and VARCHAR datatypes. 2
3. What is a function? Write it different types. Explain with example. 4
4. Write the steps for the following:- 2
- a. Create Database.
  - b. Create Table.

### Section-B

- Q4. Develop an application to add Name, Houseno, Building, Street, City, State in the Text area when button is pressed. 3
- Q5. Write a program to calculate Fibonacci series. 3
- Q6. What is Iteration? Write a program to calculate sum of n natural numbers. 4

- Q7. Find the output:- 2

Year=789

```
If(year%100==0)
```

```
{
```

```
    If(year%400==0)
```

```
    {
```

```
        System.out.println(year+"is a century & leap year");
```

```
    Else
```

```
        System.out.println(year+"is not a century & leap year");
```

```
    }
```

```
Else
```

```
    System.out.println(year+"is a leap year");
```

- Q8. Find the error:- 2

```
Switch(ch)
```

```
{
```

```
    Case 'a':
```

```
    Case 'A':
```

```
    Case 'e':
```

```
    Case 'E':
```

```
Case 'o':  
Case 'O':++vowels;break;  
Default:++others;
```

```
}
```

Q9. Write a program using class to calculate addition, subtraction, division and multiplication of two numbers. 4

Q10. Write a program to swap two numbers. 2

### Section-C

Q11. Write the queries for the following:- 5\*1=5

1. Display Ename, Sal, Sal added with comm from table emp.
2. Display employee name, department number who are not getting commission.
3. Display details of those employees who have four lettered names.
4. Display employees who earn more commission than their salaries.
5. Display employee having 'L' as any alphabet of the name.

Q12. Write the output of the following:- 5\*1=5

1. Select 9 mod 2;
2. Select concat('Inform', 'atcis');
3. Select Ucase('Computer Studies');
4. Select Power(4, 2);
5. Select Right(Stream, 2);

Q13. Define Primary & Foreign Key. Create a table (CAMPUS) having columns CID varchar (5), pin number (5). 5

Create another table MEMBERS having columns ID, FirstName, LastName.

### Section -D

- |  |   |
|--|---|
| Q14. Why do you think e-learning courses have high dropout rate? | 2 |
| Q15. How is e-learning proved useful for a trainer?              | 2 |
| Q16. Name the websites of e-business.                            | 1 |