

SECOND PRE BOARD EXAMINATION 2012-13

INFORMATICS PRACTICES

Time allowed: 3Hrs

CLASS XII

Maximum Marks :70

Instructions:

- i) All the questions are compulsory
- ii) Programming Language Net beans & Mysql

1.

- (a) What is Gateway 1
- (b) What is Unicode 1
- (c) Write the full forms of NRCFOSS, MAC 1
- (d) Which of the following is not a transmission medium?  
Telephone lines, Coaxial cable, Repeater, Bluetooth 1
- (e) Write the advantages of fiber optic cables 2
- (f) What do you understand by domain name resolution 2
- (g) List out the four main denial of service attacks. 1

2.

- (a) Which control should be used along with radio button to activate single selection 1
- (b) Differentiate between break & continue 1
- (c) Write the html tag to display the whole page in Hindi 1
- (d) Write html tag to display an image rose. jpg located in D:\ drive 1

- (e) Write for loop to print first 10 even numbers & their sum 2
- (f) Expand these terms, and what are they? Mbps & mbps 2
- (g) Write a java program to find the area of a rectangle 2
- 3.
- (a) Write mysql command to check the available databases 1
- (b) What is the use of distinct key word in mysql 1
- (c) Define alternate key 1
- (d) A table contains 4 rows and 8 columns, Mr. Aravind inserted two more records into it and he dropped one column from the table now what is the degree and cardinality of the table 1
- (e) How to set auto commit mode on and off in mysql 2
- (f) Mr Rohan is having a 10 digit phone number in a string type variable mobno. Help him to store the same into a double type variable PHONENO 2
- (g) Identify the mistake (if any) in the following Query. Justify your answer. 2
- Select empname , empcode, emp salary from employee  
group by empdesignation where age<45;
- 4.
- (a) Predict the values of textfield1(tf1) and textfield2(tf2) after executing the following code. 2
- ```
int a=50;
tf1.setText("");
do
{
    tf1.setText( tf1.getText( )+" "+a);
    tf2.setText(" "+a);
    a=a+2;
}while(a<55);
```

(b)

2

Rewrite the following code using if..else if without effecting the output of the code:

```
switch(per)
{
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;
}
```

(c) How many times the loop will execute?

1

```
for(int i=5,j=10; i<10; j++)
```

```
tf1.setText(" " + i);
```

(d) Write output of the following:

```
String Msg = "Go To Work and SMILE";
```

```
System.out.println(Msg.substring(15));
```

1

(e) The following code has some error(s). Rewrite the correct code underline all the

2

corrections made

```
int i=5;j=10;
```

```
while j>i
```

```
{
```

```
 jTextField1.getText("j is greater");
```

```
 j--,++i;
```

```
}
```

```
 JOPTIONPane.showMessageDialog("Error Corrected");
```

(f) What will be the content of jTextField1 after executing the following

2

```
 jTextField1.setText(" " + math.round(326.496,2));
```

```
 jTextField2.setText(" " + math.pow(2,3));
```

