

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|    |     |   |   |
|----|-----|---|---|
| 1. | (a) | Which Protocol is used to transferring files to and from a remote host?<br>Ans: FTP (File Transfer Protocol)  | 1 |
|    | (b) | Write any two physical media used for data transmission in a network system.<br>Ans: Coaxial cable, Optical Fibers, Twisted pair cable, any 2 - $\frac{1}{2} \times 2 = 1$  | 1 |
|    | (c) | Write the Full Form of the following:<br>(i) MODEM - Modulator/ Demodulator - $\frac{1}{2}$ mark      (ii) MAC – Media Access Control - $\frac{1}{2}$ mark  | 1 |
|    | (d) | Mention any two advantages of open standards.<br>1. The data is accessible to all without any restrictions.<br>2. No hidden information<br>3. Diversity and interoperability is industry<br>4. offers diverse choices for users. (any 2 * $\frac{1}{2} = 1$ mark)   | 1 |
|    | (e) | Mr. Ram Kumar is confused between ROUTER Address and GATEWAY. Explain him about ROUTER and GATEWAY.<br>Router : It a network device that connects multiple networks irrespective of thie protocol.- 1 mark<br>Gateway: It is a network device that connects dissimilar networks. It establishes an intelligent connection between a local net work and external networks with completely different structures. – 1 mark   | 2 |
|    | (f) | Define Topology. Write any two disadvantages of Star Topology.<br>Topology- The pattern of interconnection of nodes in a network is called the topology- 1 mark   | 2 |
|    | (g) | Define the following:<br>(i) PYTHON - PYTHON –(a) Phyton is an interpreted, interactive programming language created by Guido van Rossum in 1990.- $\frac{1}{2}$ mark (b) it runs on Microsoft windows, Linux, BSD, Mac OS X and java. - $\frac{1}{2}$ mark<br>(ii) MOZILA – (a) it is a free, cross-platform, internet software suite - $\frac{1}{2}$ mark<br>(b) It includes : a web browser, an email client , an HTML editor, IRC client - $\frac{1}{2}$ Mark | 2 |
| 2. | (a) | Name any four attributes of BODY tag in HTML.<br>(1) Bgcolor<br>(2) Background<br>(3) Link<br>(4) Vlink<br>(5) Alink<br>(6) Topmargin<br>(7) Leftmargin<br>(8) Text<br>Any 4 - $\frac{1}{4} \times 4 = 1$ mark  | 1 |
|    | (b) | What are top level containers? Give any one example.<br>Containers that can be displayed directly on a desk top are called top-level containers. They are the highest level container for a java application. $\frac{1}{2}$ mark<br>Example : JFrame, JApplet ,JDialog - any one $\frac{1}{2}$ mark   | 1 |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|  |     |  |   |
|--|-----|--|---|
|  | (c) | Which three tags in HTML let you create the definition lists?<br><dl>- definition list , <dt>- definition term <dd>-definition description<br>All the 3 tags – 1 mark any 2 -½ mark any 1 -¼ mark  | 1 |
|  | (d) | Define Inheritance. Write a name of the inheritance which is not supported by java.<br>Inheritance is the capability of one class to inherit properties from another class. ½ mark<br>Multiple inheritance is not supported by java. - ½ mark  | 1 |
|  | (e) | Write a Java code that takes an Integer from jTextField1 and prints the accepted number is PERFECT NUMBER or NOT in jLabel1 with the use of for loop.<br><br><pre>private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {     int a;     int i;     int perfect=0;     a=Integer.parseInt(jTextField1.getText());     for(i=1;i&lt;a;i++)     {if(a%i==0)         perfect=perfect+i;     }     if(perfect==a)         jLabel1.setText("Perfect No");     else         jLabel1.setText("Not a Perfect No"); }</pre><br>Declaring 3 variables and initializing - ½ mark<br>Accepting value - ¼ mark<br>Using for loop with correct syntax with block- ¼ mark<br>Using if statement - ¼ mark<br>Adding value= ¼ mark<br>Using block { } in proper place -¼ mark<br>Using if statement - ¼ mark<br>Printing result on the Label- ¼ mark | 2 |
|  | (f) | How Check Box is different from Radio Button? Write any one method of each.<br>Check box: it is used select more than one option from many choices.-½ mark<br>Radio button- it is used to select only one option from many choices.- ½ mark<br>Methods:<br>getText(),isEnabled(), isVisible( ), setText(), isSelected() – any one method for each<br>½*2=1 mark  | 2 |
|  | (g) | What will be value of x and y after execution of the following code:<br><br>int x;   |   |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|    |     |  |   |
|----|-----|--|---|
|    |     | <pre>int y=10; for(x=10 ; x&gt;=1;x-=2) { y+=x; jTextArea1.append("x =" +x +"\n" + "y =" +y); }</pre> <p>Ans:</p> <pre>x =10 y =20 x =8 y =28 x =6 y =34 x =4 y =38 x =2 y =40</pre> <p>correct ans: 2 marks (format - ½ mark, printing each values(x &amp; y)-¼*6=½ mark)</p>   | 2 |
| 3. | (a) | <p>Kumar, a student of class XI created a table “<b>STUDENT</b>”. Class_sec is one of the columns of this table. To delete the column class and section he wrote the following query :</p> <p style="text-align: center;"><b>Alter student delete class_sec;</b></p> <p>Help Kumar to run the query by removing the errors from the query and rewriting it.</p> <p>Ans: Alter table student drop column class_sec;</p> <p>Alter table - ½ mark</p> <p>Using drop column column name - ½ mark</p> | 1 |
|    | (b) | <p>A numeric data field MARK contains 96.74. Write a command to round off MARK to:</p> <p>(i) Whole Number                      (ii) Up to 1 decimal place</p> <p>Ans: (i) Select round(mark); / select round(96.74); -½ mark</p> <p>(ii) select round(mark,1); / select round(96.4,1); -½ mark</p>  | 1 |
|    | (c) | <p>Mr. Hari Create two tables with DeptNo as primary key in Employee table and Foreign Key in Department Table. While inserting a new row in Dept table, Mr. Hari is not able to enter a new value in the column DeptNo. What could be the reason for it?</p> <p>Ans : Statement used to insert a new data if a corresponding value does not currently exist in the Employee table(one of the Foreign key Rule). 1 mark</p>  | 1 |
|    | (d) | <p>How ORDER BY Clause is different from GROUP BY Clause in MySql?</p> <p>Ans:</p> <p>Order by: it is used to arrange the records either in ascending / descending order of the field specified in the select query. ½ mark</p> <p>Group by : it is used to combines all those records that have identical values in a particular field or a group of fields. ½ mark</p>   | 1 |
|    | (e) | <p>Mr. Raghu is confused about SUBSTR() and INSTR() functions in MySql. Explain What is the difference between these two functions with an example?</p> <p>Substr() : it is used to extract number of characters from the main string based on the</p>   | 2 |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

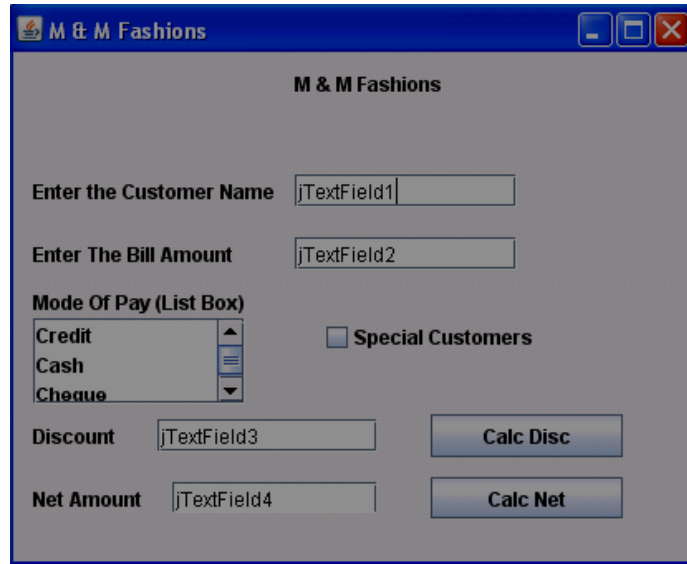
|    |     |   |   |
|----|-----|---|---|
|    |     | <p>position specified. <math>\frac{1}{2}</math> mark<br/>Ex: select substr("ABCDEF",1,3);<br/>ABC <math>\frac{1}{2}</math> mark<br/>Instr() : it is used to display the character position in the main string. <math>\frac{1}{2}</math> mark<br/>Ex: select instr("ABCDE","B"); <math>\frac{1}{2}</math> mark<br/>2 (2<sup>nd</sup> position)</p>   |   |
|    | (f) | <p>Define Data Model. Name the various data models available for database system.<br/>Ans: A data model refers to a set of concepts to describe the structure of a database, and certain constraints that the database should obey. 1 mark<br/>Four data models: 1 Relational data model 2. Network data model 3.Object Oriented data model 4. Hierarchical data model (4*<math>\frac{1}{4}</math>=1 mark)</p>  | 2 |
|    | (g) | <p>What are the different techniques available to join tables in MySQL?<br/>1. Equi Join<br/>2. Non- Equi Join<br/>3. Cross Join<br/>4. Natural Join<br/>Left / Right Join ( Any Techniques - <math>\frac{1}{2}</math>*4= 2 mark)</p>   | 2 |
| 4. | (a) | <p>Rewrite the following program code using for statement:<br/>int p=5, sum=0;<br/>do<br/>{<br/>sum=sum+p;<br/>p+=2;<br/>} while(p&lt;=12);<br/>jTextField1.setText(Integer.toString(sum));<br/>Ans:<br/>int p; <math>\frac{1}{4}</math> mark<br/>int sum=0; <math>\frac{1}{4}</math> mark<br/>for(p=5;p&lt;=12;p+=2) - <math>\frac{1}{2}</math> mark<br/>{<br/>sum=sum+p; - <math>\frac{1}{2}</math> mark<br/>}<br/>jTextField1.setText(Integer.toString(sum)); - <math>\frac{1}{2}</math> mark<br/><br/>or<br/><br/>int p; <math>\frac{1}{4}</math> mark<br/>int sum=0; <math>\frac{1}{4}</math> mark<br/>for(p=5;p&lt;=12;p+=2) <math>\frac{1}{2}</math> mark<br/>sum=sum+p; <math>\frac{1}{2}</math> mark<br/>jTextField1.setText(Integer.toString(sum)); <math>\frac{1}{2}</math> mark</p> | 2 |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|  |     |  |   |
|--|-----|--|---|
|  |     |  |   |
|  | (b) | <p>Given a string object namely total, having value as “6789” stored in it. What will be the result of the following:<br/> <b>JOptionPane.showMessageDialog(null, total+Integer.parseInt(total));</b><br/> <b>Ans: 67896789 correct output- 2marks</b></p>   | 2 |
|  | (c) | <p>What is the significance of a button group?<br/>         Ans: int ,byte, char (all the three -1 mark , any 2 -½ mark, any one - ¼ mark)</p>   | 1 |
|  | (d) | <p>Which are all the data types supports while using switch. Case?<br/>         A button group allows only one of its components to selected. – 1 mark</p>   | 1 |
|  | (e) | <p>What is a combo box? What method obtains the current selection of a combo box?<br/>         A combo box appears as a text field along with a drop-down list arrow from which user can choose a value (it is a combination of text field and List box). 1 mark<br/>         JComboBox1.getSelectedItemAt()-Returns the selected Item - 1 mark</p>  | 2 |
|  | (f) | <p>What will be content of jLabel1 after executing the following code:<br/> <pre>int a=1; int b=2; do{ b=b*a; a=a+2; System.out.println("b= "+b); }while(a&lt;=10);</pre>         Ans:<br/>         b= 2<br/>         b= 6<br/>         b= 30<br/>         b= 210<br/>         b= 1890 proper format and correct output – 2 marks ( each value - ¼*6=1½ marks – proper format -½ mark)</p> | 2 |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

(g) Mr. Sanjey is a programmer in M&M Fashions. He created the GUI in Netbeans.



The Store accepts payments in 3 modes- Cheque, cash and credit cards. The discount given as per mode of payment is as follows.

| Mode of Payment | Discount |
|-----------------|----------|
| Cash            | 11%      |
| Cheque          | 9%       |
| Credit Card     | 5%       |

If the customer is a special customer and the Bill Amount is more than 12000 then the customer gets an additional discount 5% on Bill Amount.

(i) Write the code to make the text fields Discount (jTextField3) and Net amount (jTextField4) uneditable.

Ans:

Ans:

```
jTextField1.setEnabled(false);
```

```
jTextField2.setEnabled(false);
```

or

```
jTextField1.setEditable(false);
```

```
jTextField2.setEditable(false);
```

(½\*2= 1 mark)

(ii) When “Calc Discount” Button is clicked the discount button the discount should be calculated as per the given criteria and it should be displayed in the Discount

1

2

2

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|  |  |  |
|--|--|--|
|  | <p>TextField(jTextField3).</p> <p>Ans:</p> <pre><b>private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {</b><br/>float amount;<br/>float discount = 0;<br/>float adiscount=0;<br/>String mode;<br/>amount=Float.parseFloat(jTextField2.getText());<br/>mode=(String)jList1.getSelectedValue();<br/>if(mode.equals("Cash"))<br/>    discount=amount*11/100;<br/>else if(mode.equals("Cheque"))<br/>    discount=amount*9/100;<br/>else if(mode.equals("Credit"))<br/>    discount=amount*5/100;<br/>if(jCheckBox1.isSelected() &amp;&amp; amount &gt;12000)<br/>    adiscount=amount*5/100;<br/>discount=discount+adiscount;<br/>jTextField3.setText(" "+discount);<br/>}</pre> <p><b>Declaring appropriate variables -¼ mark</b><br/><b>Extracting value from the list box-¼ mark</b><br/><b>Using if statement -¼ mark</b><br/><b>Using equals method- ¼ mark</b><br/><b>Calculating discount - ¼ mark</b><br/><b>Using check box , checking condition &amp; calculating Additional Discount- ½mark</b><br/><b>Displaying result on the proper text field - ¼ mark</b></p> <p>(iii) When “Calc Net “ button is clicked the net amount should be calculated and it should be displayed in the net amount textfield(jTextField4).</p> <p>Ans:</p> <pre><b>private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {</b><br/>Float amount;<br/>Float discount;<br/>Float net;<br/>amount=Float.parseFloat(jTextField2.getText());<br/>discount=Float.parseFloat(jTextField3.getText());<br/>net=amount-discount;<br/>jTextField4.setText(" "+net);<br/>}</pre> |  |
|--|--|--|

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|   |     |   |   |
|---|-----|---|---|
|   |     | }<br><br><b>Declaring appropriate variables- ½ marks</b><br><b>Accepting values from the appropriate text fields - ½ mark</b><br><b>Calculating net - ½ mark</b><br><b>Displaying value - ½ mark</b>  |   |
| 5 | (a) | What is NULL value in MySQL? What will happen if you use NULL in arithmetic expression?<br>If a column in a row has no value, then column is said to be null. ½ mark<br>Any arithmetic expression containing a null always evaluates null - ½ mark  | 1 |
|   | (b) | Murali is not clear about the difference between the following two statements:<br>(i) Select count(distinct(deptno)) from emp;<br>(ii) Select count(deptno) from emp;<br>Help him understand the difference between the these two statements.<br>(i) It is used to count only the unique/no duplicates department numbers ½ mark<br>Ex: if the dept no in emp table contains 10,20,20,30 Output will be 3 ½ mark<br><br>(ii) It is used to count all the department numbers including duplicates ½ mark<br>Ex: if the dept no in emp table contains 10,20,20,30 Output will be 4 ½ mark | 2 |



INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

- (c) Consider the following table named as “Teacher” with details. Write Mysql command for(i) to (iv) and output for(v) to (vii).

**Table : Teacher**

| Tno | T_name         | Department | Basic | Allowances |
|-----|----------------|------------|-------|------------|
| T16 | Rakesh Sharma  | Physics    | 27200 | 1500       |
| T11 | Vivek Rawat    | Chemistry  | 34500 | 1200       |
| T13 | Dinesh Goel    | Computer   | 30600 | 1300       |
| T14 | Lokesh Rathore | Commerce   | 44200 |            |
| T15 | Lakshmi        | Physics    | 43800 | 2000       |
| T18 | Ramkrishana    | Commerce   | 24500 | 2500       |
| T17 | Suresh Kumar   | Chemistry  | 32300 | 1900       |
| T10 | Raj Mohan      | Computer   | 41700 | 1600       |

- (i) To display all the teachers name and their total salary (Basic+ Allowances) whose name not ends with the character ‘a’.  
Select t\_name,basic+allowances from teacher where t\_name not like '%a';  
(using select t\_name.basic+allowances - ½ mark & not like '%a' - ½ mark)
- (ii) Add a new column DEDUCTIONS with integer size of 4.  
Ans: Alter Table teacher add deductions int(4);  
(using alter - ½ mark add deductions int(4) -½ mark)
- (iii) To increase the basic salary by 30000 those who are all in Physics department.  
Update teacher set basic=30000 where department='physics';
- (iv) To display all the teachers name whose BASIC is not in the range.25000 to 40000.  
Select t\_name from teacher where basic not between 25000 and 40000;
- (v) Select department, count(\*) from teacher group by department;

| department | count(*) |
|------------|----------|
| Physics    | 2        |
| Chemistry  | 2        |
| Computer   | 2        |
| Commerce   | 2        |

Correct output – 1 mark



INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

| (b)     | <div>Consider the tables HANDSET and DEALERS</div> <div>Handset</div> <table><tr><th>SetCode</th><th>Setname</th><th>OS</th><th>Cost</th></tr><tr><td>M3423</td><td>Micromax canvasXL</td><td>Android</td><td>31000</td></tr><tr><td>M3456</td><td>Micromax canvas Beat</td><td>Android</td><td>9870</td></tr><tr><td>N1212</td><td>Nokia Lumia 929</td><td>Windows</td><td>28000</td></tr><tr><td>S1234</td><td>Samsung Galaxy 4</td><td>Android</td><td>34000</td></tr></table> <div>Dealers</div> <table><tr><th>Deal_no</th><th>SetCode</th><th>City</th></tr><tr><td>D43</td><td>S1234</td><td>Mumbai</td></tr><tr><td>D56</td><td>M3423</td><td>Delhi</td></tr><tr><td>D12</td><td>S1234</td><td>Chennai</td></tr><tr><td>D37</td><td>N1212</td><td>Chennai</td></tr><tr><td>D32</td><td>N1212</td><td>Bangalore</td></tr></table> <div><div>(i) To Display set name, operating system from HANDSET table and the corresponding Dealer Number and city from Dealers Table.</div><div>Select setname,os,deal_no,city from handset,dealers where handset.setcode=dealers.setcode ;</div><div>using select - ½ mark, using proper field names for result - ½ mark, using proper join condition – 1 mark (2 marks)</div></div> <div><div>(ii) To display how many handsets are there in each operating system.</div><div>Select os, count(*) from handset group by city;</div><div>Using count function - ½ mark ,using group by city – 1 mark , using select - ½ mark</div></div> <div><div>(iii)To display the dealer details for each dealer who are all selling windows handsets.</div><div>Select deal_no,dealers.setcode,city,setname,os from dealers,handset where dealers.setcode=handset.setcode and os='windows'; using select - ½ mark, using proper field names for result - ½ mark, using proper join condition and using os='android' – 1 mark (2 marks)</div></div> | SetCode      | Setname | OS | Cost | M3423 | Micromax canvasXL | Android | 31000 | M3456 | Micromax canvas Beat | Android | 9870 | N1212 | Nokia Lumia 929 | Windows | 28000 | S1234 | Samsung Galaxy 4 | Android | 34000 | Deal_no | SetCode | City | D43 | S1234 | Mumbai | D56 | M3423 | Delhi | D12 | S1234 | Chennai | D37 | N1212 | Chennai | D32 | N1212 | Bangalore | <div>2</div> <div>2</div> <div>2</div> |
|---------|--|--------------|---------|----|------|-------|-------------------|---------|-------|-------|----------------------|---------|------|-------|-----------------|---------|-------|-------|------------------|---------|-------|---------|---------|------|-----|-------|--------|-----|-------|-------|-----|-------|---------|-----|-------|---------|-----|-------|-----------|--|
| SetCode | Setname  | OS           | Cost    |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| M3423   | Micromax canvasXL  | Android      | 31000   |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| M3456   | Micromax canvas Beat   | Android      | 9870    |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| N1212   | Nokia Lumia 929  | Windows      | 28000   |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| S1234   | Samsung Galaxy 4   | Android      | 34000   |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| Deal_no | SetCode  | City         |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| D43     | S1234  | Mumbai       |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| D56     | M3423  | Delhi        |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| D12     | S1234  | Chennai      |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| D37     | N1212  | Chennai      |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| D32     | N1212  | Bangalore    |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |
| (c)     | <div>What is the use of IN operator in MySql? Give an example.</div> <div>IN operator is used to display result based on the list of values specified in select query. ¾ mark</div> <div>Ex: select * from emp where deptno in (10,20,30); ¼ mark</div>  | <div>1</div> |         |    |      |       |                   |         |       |       |                      |         |      |       |                 |         |       |       |                  |         |       |         |         |      |     |       |        |     |       |       |     |       |         |     |       |         |     |       |           |  |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

|   |     |  |   |
|---|-----|--|---|
|   |     |  |   |
|   | (d) | Find the output of the following:<br>(i) Select truncate(5678.56,-1)+truncate(3320.45,0);<br>Ans: truncate(5678.56,-1)+truncate(3320.45,0);<br>8990 -½ mark (without heading -¼ mark)<br><br>(ii) Select left("India is our country",length("Tiger"));<br>Ans: left("India is our country",length("Tiger"));<br>India -½ mark (without heading -¼ mark)  | 1 |
| 7 | (a) | Define e-Learning. Write any two popular e-Learning websites.<br>Ans:<br>It is a flexible term used to describe a means of teaching through technology such as network, browser, CDROM or DVD multimedia platforms. 1 mark<br><a href="http://www.moodle.org">www.moodle.org</a><br><a href="http://www.w3schools.com">www.w3schools.com</a><br><a href="http://www.exelearning.org">www.exelearning.org</a><br><a href="http://www.nottingham.ac.uk/xerte">www.nottingham.ac.uk/xerte</a> etc.,<br>(any 2 correct answers: -½*2=1 mark)   | 2 |
|   | (b) | How has e-Governance benefited the common man and write any two e-Governance projects in India.<br>Ans:<br>1. The number of trips to government offices reduced by nearly 11!% to 27%<br>2. Waiting time reduced from 10% to 60%<br>3. Bribes reduced by 50% to 90%<br>4. All above factors resulted in reduced cost of availing the service.<br>(any 1- ½ mark)<br>Projects:<br><a href="http://www.mcs.gov.in">www.mcs.gov.in</a><br><a href="http://passport.gov.in">http://passport.gov.in</a><br><a href="http://incometaxindia.gov.in">http://incometaxindia.gov.in</a><br><a href="http://www.india.gov.in">www.india.gov.in</a><br><a href="http://www.drdo.nic.in">www.drdo.nic.in</a><br><a href="http://supremecourtindia.nic.in">http://supremecourtindia.nic.in</a><br><a href="http://www.indiancourts.nic.in">http://www.indiancourts.nic.in</a><br><a href="http://www.rti.gov.in">www.rti.gov.in</a><br>(any 2 correct projects: -¼*2=½ mark) | 1 |
|   | (c) | Mr.Das is working as System Developer in SS Enterprises. Help him to choose most appropriate controls from List Box, Combo Box, Text Field, Text Area, Radio Button, Check Box, Label and Command Button for the following entries:  |   |

INDIAN SCHOOL MUSCAT  
CLASS -XII  
SUBJECT: INFORMATICS PRACTICES  
ANSWER KEY

2

| SNo                                       | Function  |
|---|---|
| 1   | To Enter the Name - TextField                             |
| 2   | Select the gender - Radio button/ combo Box/ List Box     |
| 3   | Select the department - Combo Box/ Radio Button/ List Box |
| 4   | Select any number of facilities - Check Box               |
| Each correct answer- ½ mark (½*4=2 marks) |   |