

CLASS IX COMPUTER APPLICATIONS FINAL EXAMINATION – MARCH' 08

SECTION – 'A', Attempt all questions

<p>Q1.(a) Define a template in relation to PowerPoint. (10)                  (b) Name the different views available in PowerPoint.                  (c) Name the components of a PowerPoint Presentation.                  (d) Give the command to start a slide show in PowerPoint.                  (e) State four application areas of PowerPoint.</p> <p>Q2.(a) Write the menu commands or key combinations to perform the following tasks in MS-Excel : (5)                  (i)Apply formula to a range of cells. (ii) Hide a worksheet                  (iii) Insert a blank row (iv) Change row height                  (v) Sort the contents of a range of cells                  (b) Write the menu commands or key combinations to perform the following tasks in PowerPoint. (5)                  (i) To apply transition effect (ii) To make a slide font Italics (iii) To insert a blank slide                  (iv) To make another copy of an existing slide                  (v) To apply colour effects to the background of a slide</p>	<p>Q3.(a) Give the output of the program segment given below. Copy the program in the answer after correcting the syntax errors if any [5]  <pre>s = 0 ; n = 1 ; while(n&lt;5) {     s+=n++ ;     System.out.println(s) ; } System.out.println(n);</pre>                 (b) Rewrite the program segment shown below using a FOR loop. [5]  <pre>x = 10 ; do {     n = x*x ;     System.out.println(n) ;     x – = 2 ; } while (x&gt;0) ;</pre></p>
<p>Q4.(a) Name the view in PowerPoint which shows miniature form of slides of a presentation. How can we change the sequence / order of slides?                  (b) Name the feature of Excel which allows to show the effect of change in one set of data on the other set of data. Give an example.                  (c)Write the size float, int, short and char data type.                  (d)What happens when the following statements are executed :</p> <pre>int i ; for(i=100 ; i&lt;200 ; i++) ; System.out.println(i) ;</pre> <p>(e)Write the result of the following Excel function : = SUM(10,32,105, –40) (10)</p>	

SECTION – 'B', Attempt any four questions

- Q5. Write a Java program with mnemonic names, indentation and remarks, to display the output in following format : (15)
- ```

Z
Y Y
X X X
W W W W
```
- Q6. To help younger students in learning Maths, design a program to input a number and display its multiplication table from 2 to 10. The output of the program should match the illustration shown below, if the input number is 9.  
 9 x 2 = 18  
 9 x 3 = 27 ..... (15)
- Q7. Write a JAVA program to input numbers as long as the user desires. When the input is over, display the average of positive and negative numbers separately along with the total numbers input, in the following manner:  
 TOTAL NUMBERS INPUT : \_\_\_\_\_  
 AVERAGE OF POSITIVE NUMBER : \_\_\_\_\_  
 AVERAGE OF NEGATIVE NUMBERS : \_\_\_\_\_  
 (Note that “\_\_\_\_\_” should be replaced by actual values) (15)
- Q8. A number of answer scripts with scores 0 – 99 awarded after marking are to be searched for finding :  
 (a) Number of marked answer scripts  
 (b) Percent of candidates getting 85 and above.  
 (c) Percent of candidates getting 39 or less.  
 Write a Java class to take scores as inputs till user inputs 100 and then output the three required quantities. (15)
- Q9. A library charges fine for books returned late. Following are the fines :  
 First 5 days : 40p per day  
 Next 5 days : 65p per day  
 Above 10 days : 80p per day  
 Design a class in Java to calculate the fine assuming that a book is returned N days late. (15)