

## Computer Science Worksheet

**Class: 7**

Name: \_\_\_\_\_ Sec \_\_\_\_\_ Roll \_\_\_\_\_  
No. \_\_\_\_\_ Date: \_\_\_\_\_

- **Topics: Computer Virus, Computer Ethics, Spread Sheet, HTML, C++**

### **A. Write a C++ Program:**

1. Write a program enter marks of three subjects and if sum is odd then print the sum otherwise Print your school name.
2. WAP to calculate the value of S.     where  
 $S=U*T+0.5*G*T*T$
3. WAP to store any double digit number, find the first digit and multiply it with remaining digits.
4. WAP to program to enter the number and calculate its square root.
5. WAP to enter three digit number and prints its first digit, middle digit and last digit.
6. WAP to enter a number check whether number is negative, positive or zero.  
**To be done after winter vacation**
7. WAP to enter three values in variable a, b, c and check which one is greatest among them and print.
8. WAP to enter any number between from 1 to 7 and print the corresponding week days.
9. WAP to enter the age of three people and print youngest among them.

10. WAP to print the discount based on the following chart.

SALE	DISCOUNT
<1000	5%
1000 -2000	10%
Above 2000	20%

B. Write a coding in HTML for the following Webpage:

1. Table title students details
2. Background colour light blue
3. Table colour pink
4. Align center
5. Cellpadding-20
6. Cellspacing-10
7. Text=green

<u>CLASS 7</u>			
	S.NO.	NAME	GRADES
DETAILS	1	Manas	A+
	2	Dhiraj	A

C. Fill in the Blanks:

1. \_\_\_\_\_ programs that can cause damage to a computer.
2. SUNDAY, Cascade, etc. are example of \_\_\_\_\_ virus.
3. The \_\_\_\_\_ virus was first detected on APPANET in the early 1970's.

4. \_\_\_\_\_ are difficult to detect by antivirus software as they use various methods to avoid detection.
5. \_\_\_\_\_ scan runs continuously in the background
6. \_\_\_\_\_ virus infects the files which are created using such application software.
7. \_\_\_\_\_ it secretly monitors web- surfing habits and sends this information to its server, which then throws related pop-up advertisements.
8. A \_\_\_\_\_ is a group of contiguous cells, which from the shape of a rectangle.

**D. Differentiate between:**

1. Formula bar and Name box
2. Undo and Redo option
3. Digital Footprint and Software Piracy
4. Computer Worms and Trojan Horse
5. Sweeper virus and Malware