

DELHI WORLD PUBLIC SCHOOL

BHATAPARA-BALODA BAZAR

(A Senior Secondary School Affiliated to C.B.S.E. New Delhi)

WORKSHEET FOR CHAPTER- I

CLASS:-VII

SUBJECT:- COMPUTER

1. **Fill in the blanks**

1. The base of binary number system is\_\_\_\_\_\_\_\_\_\_

2. The base of\_\_\_\_\_\_\_\_\_\_ number system is 10.

3. Octal number system consists of \_\_\_\_\_\_\_\_\_digits.

4. In binary addition, 1+1 equals to\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_\_uses 16 symbols to represent numbers.

6.\_\_\_\_\_\_\_\_\_\_number system is understood by the computer system.

1. **Write the rules for-**
2. **Binary addition**
3. **Binary subtraction**
4. **Binary multiplication**
5. **Solve**
6. **(1001)2 ---- ( )10**
7. **(65)10 -----( ) 2**
8. **(123)8 ---- ( )10**
9. **1010+1110=**
10. **1110-0100=**
11. **110\*11=**
12. **11100/10=**

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WORKSHEET FOR CHAPTER- II

CLASS:-VII

SUBJECT:- COMPUTER

**A. Fill in the blanks**

1. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is an effective way to display data in pictorial form.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_is a related set of data values.
3. \_\_\_\_\_\_\_\_\_\_\_\_is a key that is used to identify the colours, patterns, or symbols assigned to data series.
4. A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_chart displays data in the form of long rectangular rods.
5. \_\_\_\_\_\_\_\_\_\_\_is the vertical axis that is used to plot the values.
6. The purpose of grouping worksheets is to enter common\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**B. Explain goal seek with an example.**

**C. What is chart? Explain with an example.**

**D. In which tab sort & filter group are there.**

**E. Name some commonly used chart types.**



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WORKSHEET FOR CHAPTER- III

CLASS:-VII

SUBJECT:- COMPUTER

**A. Fill in the blanks**

1. \_\_\_ are the transparent sheets that can hold objects and are stacked on top of each other.

2. The \_\_\_ tool creates smooth strokes of the four ground colour in your image.

3.The \_\_\_ tool create a duplicate copy of one part of an image over another part of the same image.

4. The \_\_ option enlarges or reduces the physical size of the image by changing the number of pixels.

5. The \_\_\_ effect lightens the colours and creates a soft tone in the selected image.

**( clone, layers, Dodge, scale, paintbrush)**

**B. State true or false.**

1. You can make a layer visible or invisible in GIMP.

2. By default, the four ground colour is white and background color black in GIMP.

3. Is similar to the Dodge tool.

4. You can merge two layers in GIMP.

5. The shift key allows you to change the mode between horizontal and vertical flipping.

**C. Application based questions**

1. Ali has designed a greeting card in GIMP. He wants to change the colour of the flowers from red to pink. Suggest human suitable tool, which will perform the above task.

2. Vikram has inserted in image in a new file. He wants to duplicate the image on the same layer. Suggest him the tool that will fulfill his requirement.

**D. Answer the following**

1 Explain in brief the utility of layers.

2 Explain any one paint tool in GIMP.

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WORKSHEET FOR CHAPTER-IV

CLASS:-VII

SUBJECT:- COMPUTER

1. **State true or False**
2. HTML 5 came into existence around 2008.
3. Tags and attribute names are case-sensitive.
4. Property defines how different elements look on the web page.
5. With the in-line method, the effects get applied to all the elements of the web page.
6. You can add an image in the background of a web page with the help of picture tag.
7. Write the background properties of html.
8. Write the css terminology for –

H3 {color:tomato;font-size:30 px;}

1. Write a program to give the output:-

Cascading Style Sheet

It Describes how HTML elements are to be displayed

On screen.

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WORKSHEET FOR CHAPTER- V

CLASS:-VII

SUBJECT:- COMPUTER

**A.Fill in the blanks**

1. Robots are controlled by \_\_\_ control devices.

2. Most robots use \_\_\_ , which help them adopt their actions to the environment.

3. Robots have a type of \_\_\_ that determines what, when and how a robot can complete its tasks.

4. \_\_\_ robots can be programmed and reprogrammed easily.

5. Robots interact with the physical world via a sensors and \_\_\_.

***( computer program, Complex level, activators, sensors, external)***

**B. True or false:**

1. Simple labour robots have Complex model based circuits.

2. Laptop is an example of a middle-level robot.

3. Fixed robots are mostly used in industries with a well defined work environment, adopted for robots.

4. Robots can never replace human workers.

5. Service robots have improved sensors and interact with humans closely.

**C.Match the following**

First Industrial robot Service robots

Washing Machine Launched by the Prime minister Narendra Modi

Mitra Robot Simple-level Robot

Robot-assisted surgery Unimate

**D. ANSWER THE FOLLOWING**

1. Classify the three types of robots.

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WORKSHEET FOR CHAPTER-VI

CLASS:-VII

SUBJECT:- COMPUTER

**A. Fill in the blanks**

1. \_\_\_ sets the horizontal alignment of the text inside the block.

2. \_\_\_ used to specify the space between two lines of text.

3. \_\_\_ this place the chosen text either in normal, Italic or oblique.

4. \_\_\_ properties used to convert the text into uppercase or lowercase.

5. In \_\_\_ method, style declaration is given with each individual element with the help of the style attribute.

6. \_\_\_ you can always say I will try is the distance from each side of an element to the sides of the neighbouring elements.

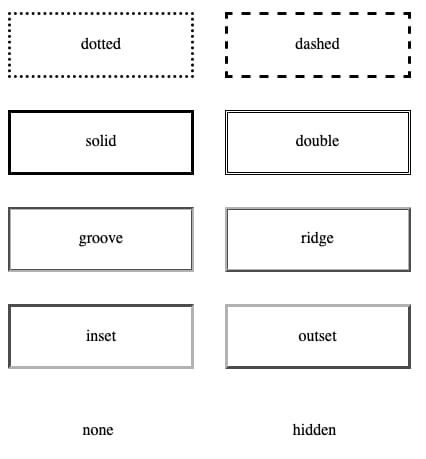
***( font-style, line-height, text-transform,text- align , margin, In-line)***

**B. Application based questions**

1. Shruti has display the entire text offer document in uppercase. Name the property se must have used to achieve the same.

2. Rimi wants to Apply Shadow effects to the heading of her web page. How can she do it?

**C.Write a program for the output-**



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WORKSHEET FOR CHAPTER- VII

CLASS:-VII

SUBJECT:- COMPUTER

**A. Fill in the blanks**

1. The order in which the operator are abilivated is called \_\_\_ of operators.

2. The valid combination of both operants and operators makes an \_\_\_ , returns a computed result.

3. \_\_\_ operator is used to concatenate or join two or more strings.

4. In Python, the flow of execution is altered by the use of \_\_\_ statements.

5. The \_\_\_ control structure is used when either of the two different actions is to be performed on the result of the conditional expression.

6. In Python, the conditional statement is determined with a \_\_\_ symbol.

***('+', if else, Prerecedence, colon, control expression)***

**B. Name the following:**

1. Two types of Arithmetic operators

2. Three Types of logical operators

3. Two operators used in strings.

4. The statement which is used to evaluate only one condition.

5. The procedure to write the steps of a program in well defined way.

**C. Write the code for the following programs using script mode.**

a. Using the script replication operator print your name 10 times.

b. Input to numbers and design a program which can perform the following functions:

I. Add the numbers

II. Subtract the numbers

III. Find the reminder when one number is divided by the other.

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WORKSHEET FOR CHAPTER- VIII

CLASS:-VII

SUBJECT:- COMPUTER

**A. Fill in the blanks**

1. \_\_\_ combine features of both wave apps and native apps.

2. The abbreviation of the word 'application' is \_\_.

3. Before installing an app on your device, the manufacturer of the app will ask for certain \_\_\_.

4. The Facebook app is an example of a \_\_\_ app.

5. \_\_\_ Apps do not need web access and runs independently on a computer.

6. You can pay utility bills using a \_\_\_ app.

***( App, permissions, hybrid apps, desktop, banking, social networking)***

**B. True or false**

1. Google Maps is an E-Commerce website.

2. Desktop apps do not need web access and run independently on a computer.

3. Hungama music app brings your favourite tunes right to your device.

4. Mobile apps are usually smaller in size as mobile devices have limited memory.

5. Usually , native Apps come pre installed on the new phone.

**C. Application based questions:**

1. Sneha and her parents are planning to go for a movie. She wants to book the tickets online. Which app can see used to do the same?

2. Mannat had high school trip last month where she clicked various photographs. Now she wants to share this photographs with her friends which app should she use?

**D. Answer the following**

1. State the use of web apps.

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WORKSHEET FOR CHAPTER- IX

CLASS:-VII

SUBJECT:- COMPUTER

**A.Fill in the blanks**

1. A \_\_\_ can be in online stranger or a person known to the targeted person.

2. \_\_\_ is an act of harming or harsing through information technology in a deliberate manner.

3. A \_\_\_ is a program aur set a program that disrupts the normal functioning of a computer.

4. \_\_\_ is a security system that protect your computer by preventing the unauthorised users from gaining excess to it through the network or internet.

5. In \_\_\_ a person is identified by retinal scan, fingerprints, voice recognition, etc.

( biometric, cyber bulling ,virus, stalker, firewall)

**B. Answer the following**

1.What is hacking?

2.. What is cyber crime? Give an example.

3.Discuss about encryption software.

4. Name some anti virus software.