



# DELHI WORLD PUBLIC SCHOOL BHATAPARA-BALODA BAZAR

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



## WORKSHEET CHAPTER 1 TO 4 COMBINED (2023-24)

CLASS:- VII

SUBJECT:- COMPUTER

### A. 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.

### B. Application based questions

6. 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.do so?

### A. Multiple choice questions.

7. 1. Which tool is used to enlarge or shrink the size of the image?  
a. zoom    b. flip    c. Clone
8. 2. Which tool uses a simulation of an Ink pain with a controllable nib to paint?  
a. Clone    b. Colour picker.    3. Ink
9. Is the correct key combination to select the flip tool \_\_\_ code.
10. \_\_\_ is the correct key combination to duplicate a layer.  
a. Swift + D.    b. Ctrl +d.    c. Shift + ctrl+ D
11. 5. Which among the following is the correct shortcut key to select the Dodge tool?  
a. Swift + D    b. Ctrl +D    c. Shift + Ctrl + D

### C. Fill in the Blanks.

12. \_\_\_\_\_ elements splits the line and displays the text on a new line.
- 13.A \_\_\_\_\_ is an effective way to display data in pictorial form.

### D. Short Answer Type Questions. :

1. Explain any one paint tool in GIMP.
2. How can you rotate an image in GIMP.
3. Briefly explain the process of adjusting brightness of an image.
4. How can you take screenshot in GIMP.
5. What is HTML?
6. What are cascading Style Sheets? Name the different methods available for applying style rules.
7. Convert the following decimal numbers in respective Hexadecimal number.  
(i)  $(725)_{10} = ( ? )_8$   
(ii)  $(224)_{10} = ( ? )_8$
8. What is data consolidation?
9. Explain in brief the utility of layers.

10. What is an element? Explain its various types.
11. Classify the three types of robots.
12. What are service robots?

**E. Long Answer Type Questions.:**

13. How can you take screenshot in GIMP.
14. Give a difference between a fixed and mobile robot.
15. Write the rules to multiply two binary numbers.
16. Convert the following as required:
  - (i)  $(6A3)_{16} = ( ? )_2$
  - (ii)  $(713)_8 = ( ? )_{16}$
17. Name two of India's famous robots and write their specialty.

**F. Very Long Answer Type Questions.:**

18. Briefly explain the process of adjusting brightness of an image
19. What is number system? Name the different types of number system used with examples.
20. What are the basic tools used to work with HTML documents? Give an example of each .
21. Briefly explain the process of adjusting brightness of an image.

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