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Grade 3

Chapter-6　　　　　　　　**LOGO – A COMPUTER LANGUAGE**

- **Q/A:**

1. **What is the full form of logo?**
   Ans: The full form of logo is language of a graphic oriented.
2. **What is the shape of a turtle?**
   Ans: The shape of a turtle is like a triangle.
3. **How many parts of logo windows?**
   Ans: There are two main parts of logo windows.
4. **Name the two main parts of logo windows.**
   Ans: 1. Main screen 2. Commander window.
5. **What does the recall list box display?**
   Ans: The **recall list box** displays all the commands that we have written/typed in the 'command input box.'
6. **What is logo turtle?**
   Ans: Logo turtle is a small triangle.
7. **How many parts of logo turtle?**
   Ans: Logo turtle has two parts 1) Head 2) Tail.
8. **What is meant by head?**
   Ans: Head means the top pointed end of the truth is called its head.
9. **What is tail?**
   Ans: The wide base at the turtle's bottom is called its tail.
10. **What is another name of logo commands?**
    Ans: Another name of logo commands is primitives.
11. **Where do we type the commands?**
    Ans: We type commands in commander window.
12. **What is meant by primitives?**
    Ans: The commands that we give to the truth are called logo primitives.
13. **Who developed the MSW logo?**
    Ans: Professor Seymour papert of U.S.A developed the MSW logo.
14. **From which two website, we can get MSW logo?**
    Ans: 1) www.softronix.com 2) www.mswlogo.html
15. **In how many parts the commander window is divided? Name them.**
    Ans: The commander window is divided in three parts.
    1. Command input box
    2. Recall list box
    3. Command Buttons.
16. **How many basic primitives in logo?**
    Ans: There are nine basic primitives in logo.
17. **Write the steps to start logo.**
    Ans: 1. Click on the start button
    　　 2. Choose all programs
    　　 3. Select and click on Microsoft window logo.
    　　 4. Click on ok button to get the MSW logo screen.
18. **Write the three uses of logo.**
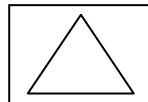   Ans: Logo can be used to do the following tasks:
    1. Draw figures
    2. Type Text
    3. Solve mathematical problems.
19. **Which command is given to make the turtle take a half turn?**
    Ans: Command RIGHT_180 is given to make the turtle take a half turn.
20. **Which is the home position of a turtle?**
    Ans:　Home
21. **Which command do we use to clear text from the commander window?**
    Ans: We use to CT –command to clear text from the commander window.
22. **How can we make the turtle reappear on the screen?**
    Ans: We can make the turtle reappear on the screen by giving ST command.

23. Which command does bring the turtle back to the centre of the screen?
Ans: CT command brings the turtle back to the centre of the screen.

24. Which command is given to make the turtle take a half turn?
Ans:

25. What should be given between the primitives and the number of steps?
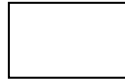Ans: Space should be given between the primitives and the number of steps.

26. Write the command to draw a shape of square.
Ans: Command:
REPEAT 4[FD_100_LT_90] Enter   or
REPEAT 4[FD_100_RT_180] Enter

27. Write the command to draw a star:
Ans: REPEAT 8[RT_135_FD_100] Enter
                    Or
RT_135_FD_100 Enter
RT_135_FD_100 Enter
RT_135_FD_100 Enter
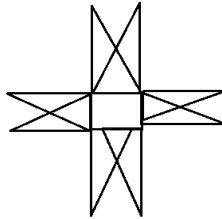RT_135_FD_100 Enter
RT_135_FD_100 Enter
RT_135_FD_100 Enter
RT_135_FD_100 Enter
RT_135_FD_100 Enter

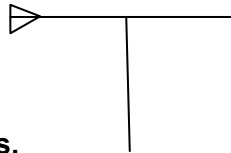**28. Write the command to draw T-shape:**
Ans: Command:
            FD_90_RT_90 Enter.
            FD_40_BK_80 Enter.

29. Write commands to draw picture of steps.
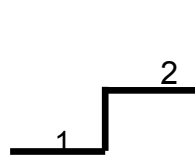Ans:
Command:
RT_90_FD_50 Enter
LT_90_FD_50 Enter
RT_90_FD_50 Enter
LT_90_FD_50 Enter

Chapter-7   LOGO AIRTHMETIC
- **Q/A:**
1. Which primitives are used to display a character, number, word or sentence on the screen?
Ans: Print [PR] primitive is used display a character, number, word or sentence on the screen.

2. What is the short form print?
Ans: The short form of print is PR.

3. Which mathematical operation can we do in logo?
Ans: We can do the following operation like addition, subtraction, multiplication and division.

4. What is the meaning of product?
Ans: Product means the result of multiplication.

5. What is the meaning of quotient?
Ans: Quotient means the result of division.

6. Which two commands we can use to add two numbers.
Ans: We can use the following two commands to add two numbers.
Commands: 1) PR_NO. + No   Enter
                2) PR_SUM NO_NO   Enter

7. Which two commands we can use to do the multiplication of two numbers?
Ans: We can use the following two commands to do the multiplication of two numbers.
     Command: 1) PR_NO * NO   Enter
               2) PR_PRODUCT_NO_NO   Enter.

8. Print the sum of 60 and 20.
Ans: Command: PR_60 + 20 Enter
                         80
                         Or
             PR_SUM_60_20 Enter
                         80

9. Print the sum of 29, 11.

Ans: Command: PR_29+11 Enter

                    40

                    Or

     PR_SUM_29+11 enter

                    40

10. Subtract 50from 120

Ans: Command: PR_120-50 Enter

                    70

                    OR

     PR_DIFFERENCE_120_50 Enter

                    70

11. Write three logical operations which we can use in logo. Write their symbols also.

Ans: **Three logical operations are the following with its symbols.**

        1. Greater than   (>)

        2. Less than   (<)

        3. Equals   (=)

12. Which command is written for multiplication of two numbers, 20 and 30.

Ans: PR 20*30 Enter or PR_PRODUCT_20_30 Enter

is written for multiplication of these two numbers.

13. Which command is typed to move the turtle 50 steps backward?

Ans: BK 50 is typed to move the turtle 50 Steps backward.

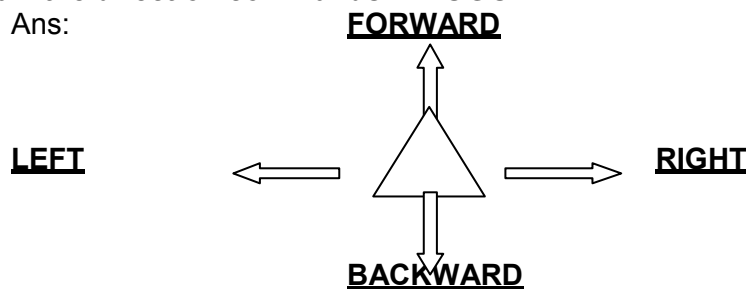**14. Which command clears the recall list BOX area.**

Ans: CT command clears the recall list BOX area.

15. What is the use of R.T?

Ans: RT command is used to turn the turtle's head to the right.

16. Draw the direction commands in LOGO.

    Ans: **FORWARD**

LEFT   **RIGHT**

                        BACKWARD

- **Answer the following questions briefly.**
  - **1. What result would the turtle display if the following commands are given.**
    - Ans: PR 60+20   **80**
    -             PR 25*25   **625**
    -             PR SUM 200 400   **600**
    -             PR DIFFERENCE 69 24 **45**
    -             PR 50-30   **20**
    -             PR 72/4   **18**
    -             PR product 100 20   **2000**
    -             PR QUOTIENT 88 2   **44**
  - **2. Write the commands that the turtle would require to do the following tasks.**
    - Ans: a) Print the sum of 90 and 30.
      - **PR SUM 90 30 enter**
      - **120**

      - b)Find the product of 90 and 30.
      - **PROFDUCT 90 30 enter**
      - **2700   Or**
      - **PR 90*30 enter**
      - **2700**

      - c)Find the difference 650 240.
      - **PR DIFFERENCE 650 240 enter**
      - **410   Or**
      - **PR 650-240 enter**
      - **410**

d)Print quotient when 90is divided by 30.
PR QUITIENT 90 30 enter
3

3. **Write the full form of given short forms.**
   Ans:
   FD = **forward**
   HT = **Hide Turtle**
   CT = **Clear Text**
   PR = **Print**
   RT= **Right Turn**
   BK = **Backward**
   ST = **Show Turtle**
   CS = **Clear Screen**
   LT = **Left Turn**
   LOGO = **Language of Graphics Oriented**

4. **Write the commands of following show how the turtle move.**

   Ans :

   1. **Forward**   2.**Backward**   3. **Left**   4.**Right**

Chapter-8   LEARNING MS WORD

- **Q/A:**

1. **Write the steps to open MS word 2010.**
   Ans: Step-1   -   Click on the start button.
        Step-2   -   Select all programs.
        Step-3   -   Click on Microsoft office.
        Step-4   -   Click on Microsoft word.

2. **What is the full form of MS Word?**
   Ans: The full form of MS word is 'Microsoft word' processing software.

3. **What is the use of document window?**
   Ans: The document window is used for typing, editing and formatting the text.

4. **Where is the ribbon located?**
   Ans: Ribbon is located at the top of the screen.

5. **How many parts have the Ribbon?**
   Ans: The Ribbon have three parts.

6. **Write the three parts name of the Ribbon.**
   Ans: Tab, group and command are three parts of the Ribbon.

7. **Where a tab is are located?**
   Ans: Tabs is located below the title bar.

8. **Write the name of various tab buttons:**
   Ans: Various tabs button are:
   a) Home
   b) Insert
   c) Page layout
   d) References
   e) Mailing
   f) Review
   g) View.

9. **How many rulers are in a word windows? Write their name.**
   Ans: There are two rulers in a word window.
   1. Horizontal ruler.
   2. Vertical ruler.

10. **What is simple programs that help us to type text documents?**
    Ans: MS Word is a simple program that help us to type text document.

11. **How many scroll bars are these in MS Word window?**
    Ans: There are two scroll bars in MS Word window.

12. Which two keys we press to print a document?
Ans: Ctrl + P key we press to print a document.
13. Which two key we press to save a document?
Ans: Ctrl + S keys we press to save a document.
14. A flashing vertical line that appears on the screen, what is it called?
Ans: A flashing vertical line that appears on the screen is called cursor.
15. What is word wrap? Why is it important in MS Word?
Ans: Word wrap is a feature of MS Word by which the cursor automatically goes to the next line.
16. Write the steps to opening an existing document.
Ans:
1. Click on the File menu button.
2. Click on open.
3. Select the place where the file is located by clicking on the look in box.
4. Select the file from the list that appears.
5. Click on the open button to open the file.
17.Which key we use to screen up and down?
Ans: We use Page Up/Page Down key to screen up or down.
18. Which key will we use to move the cursor at end of the line on the screen?
Ans: We will use the End key to move the cursor at the end of the line on the screen.
19. Which key will we use to move the cursor at the begging of the line on the screen?
Ans: We will use Home key to move the cursor at the begging at the lie on the screen.