

**ST. THOMAS SCHOOL, DHURWA, RANCHI.  
THIRD TERM 2020-21**

**STD-2**

**SUB-COMPUTER**

**CHAPTER-LOGO**

**QI. DEFINITION-**

a) **LOGO** - LOGO is a computer friendly language. It helps in drawing pictures, making figures and doing mathematical calculations.

b) **TURTLE** - Turtle is the LOGO cursor that moves in the logo screen and obeys the orders or commands as written at the Prompt.( ? )

c) **PRIMITIVES** - LOGO commands are called as Primitives.

**QII) ANSWER THE FOLLOWING QUESTIONS;-**

**Q1. Write the full form of LOGO.**

**ANS1) LOGO stands for Language of Graphic Oriented.**

**Q2. Name the parts of the Logo screen and write their uses.**

**ANS2) The parts of the LOGO screen are -**

a) **Graphics Screen-** The turtle moves and draws the figures.

b) **Listener Screen -** We write LOGO commands here.

**QIII. FILL IN THE BLANKS:-**

- i. The Turtle lies at the centre of the screen.
- ii. The orders or Commands are written at the Prompt.
- iii. To exit from logo we type the BYE command at the Prompt.
- iv. Press the Enter Key after typing a primitive .
- v. Home command brings the Turtle to its starting position.
- vi. The CS command clears all drawn figures from the Graphics Screen.
- vii. The Turtle moves to the right direction using RT command.
- viii. Text can be erased from the Listener Screen by CT command.
- ix. LOGO is a computer language.
- x. LOGO application has two screens.

**QIV. WRITE TRUE OR FALSE FOR THE GIVEN STATEMENTS:-**

- i. LT and RT does the same work. - False
- ii. The turtle can be turned only in left direction. -False
- iii. The cursor on the LOGO screen is also said as 'Turtle'.- True
- iv. Turtle looks like a triangle. -True
- v. The speed of the Turtle is very fast.-False
- vi. FD is used to move the turtle backward with given number of steps.-False
- vii. The commands given to the Turtle are called as Instruction or Primitives. -True

**QV. WRITE THE FULL FORM AND FUNCTION OF THE FOLLOWING LOGO COMMANDS:-**

**FD- Forward**

**It is used to move the turtle ahead with given number of steps.**

**BK- Backward**

It is used to move the Turtle back by given number of steps.

**CS- Clear Screen**

It is used to erase figures drawn on the Graphics screen.

**CT- Clear Text**

It is used to erase all the commands typed on the Listener Screen.

**RT- Right**

It is used to move Turtle towards right direction.

**LT-Left**

It is used to move the turtle towards left direction.

**QVI. MATCH THE FOLLOWING:-**

- 1) Close
- 2) Prompt
- 3) Turtle
- 4) Commands
- 5) CS
- 6) CT

exit from Logo

?



Instructions or Primitives

Clear Screen

Clear Text

**QVII. DRAW FIGURES FOR THE GIVEN COMMANDS:- (To be done in class)**

- i) ? RT 90
- ? FD 100
- ? HT

- ii) ? FD 50
- ? LT 90
- ? FD 80

- iii) ? LT 90
- ? FD 100
- ? RT 90
- ? FD 50
- ? HT

- iv) ? BK 80
- ? RT 90
- ? FD 50

**QVIII. WRITE COMMANDS FOR THE GIVEN FIGURES:-(To be done in class)**

