

COMPUTER



Class-3

1. Fill in the blanks:

- (a) The FD command moves the turtle in the forward direction.
- (b) Text can be erased from the screen by CT primitive.
- (c) The HOME primitive is used to call the turtle to its beginning place.
- (d) To draw a line, after PU you have to give the PD command.

2. Write 'T' for 'True' or 'F' for 'False' against each statement:

- (a) The turtle can turn only clock-wise. (F)
- (b) HT and CS does the same work. (F)
- (c) The command FD and forward does the same work. (T)
- (d) PU command will push the turtle up. (F)
- (e) After using the command PE, the whole figure will be erased from the screen. (F)

3. Write the commands for the following:

- (a) To move the turtle 40 steps ahead.
- (b) To turn the turtle by 5 turns towards left.
- (c) To move the turtle 10 steps back.
- (d) To turn the turtle by 25 turns towards right.
- (e) To turn the turtle towards right by 180 turns.

FD 40 ↵
LT 5 ↵
BK 10 ↵
RT 25 ↵
RT 180 ↵



Notebook work

4. Write down the purpose of the following logo primitives:

- a) Home: Home primitive brings the turtle to the starting position that is, centre of the screen.
- b) PE- PE primitive makes the turtle like an eraser so that it can erase lines while moving.
- c) PD: PD primitive is used to bring back the turtle on the screen, with this command turtle starts drawing the line if PU command has been previously used.

- d) PU: PU primitive is used to move the turtle to any part of the screen, without drawing a line.
- e) BK: BK primitive is used to move the turtle in backward direction with the given number of steps.

5. What is turtle?

Ans: Turtle is the logo cursor that moves on the screen and it obeys the commands as written in the input box.

6. What is the difference between HT and ST?

Ans.	HT	ST
	HT stands for Hide Turtle	ST stands for Show Turtle
	It is used to make the turtle invisible from the graphic screen.	It is used to make the turtle visible back to the graphic screen.
	Format: HT ↵	Format: ST ↵

7. What is the difference between CS and CT ?

Ans	CS	CT
	CS stands for Clear Screen.	CT stands for Clear Text.
	It erases all the figures that are drawn in the graphic screen.	It erases all the commands from the output / command recall list box.
	Format: CS ↵	Format: CT ↵

8. Tick (✓) the primitives which do not need number of steps:

(a) CS

(b) HT

(c) CT

(d) FD

(e) BK

9. Situation Based Questions:

(a) Rahul is unable to clear the Output /Command Recall List Box. Which command should he use to do so?

..... CT ←

(b) Amit has drawn a square on the graphics screen. But, due to triangle shape of turtle, square is not properly visible. Suggest him the command to hide the turtle.

..... HT ←

(c) Prisha wants to bring the turtle back to half the steps covered due to FD command. She can't use BK primitive, as the key 'B' of keyboard is not working, now which command can she use to move the turtle in background direction (except BK command).

..... FD - (no. of steps)

10. Arrange the correct order of primitive, in (i) to (iv) that will draw alphabet 'L'.

(a) RT 90

(i)

(b) FD 100

(ii)

(c) PU FD 200

(iii)

(d) PD BK 200

(iv)

THANK YOU