

Paper: ComputerTotal Marks: 15Month Test: Annual

Obt. Marks: _____

Theme/Unit: CompleteGrand Total: 75

Objective: _____

Signature: _____

Time: 20 mins

Name: _____

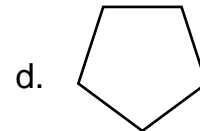
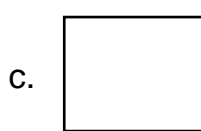
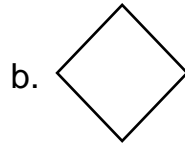
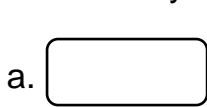
class: 10th

Section: _____



Q. No. 1: Encircle the correct option:

1. Algorithm is a:
 - a. Requirement document
 - b. Design document
 - c. Test document
 - d. User guide
2. Occurrence of a _____ error crashes the program.
 - a. Syntax error
 - b. Runtime error
 - c. Logical error
 - d. None
3. Which symbol is decision making symbol in flow chart?



4. If two or more statements are written on a line, they must be separated by a:
 - a. Colon
 - b. Semi colon
 - c. Comma
 - d. Hyphen
5. Which of the following statement temporarily stops the execution of a program?
 - a. BREAK
 - b. END
 - c. PAUSE
 - d. STOP
6. FOR.....NEXT is the statement:
 - a. Iteration
 - b. Selection
 - c. Sequence
 - d. All
7. Which one is the multiple branching statement?
 - a. IF....ELSE
 - b. GOTO
 - c. ON....GOTO
 - d. ON ERROR GOTO Line number
8. Which of the following is not a valid subscript?
 - a. NUM(10)

- b. A(2)
 - c. B(4)
 - d. A(-2)
9. The statement `x(30)` will reserve _____ memory location.
- a. 29
 - b. 30
 - c. 31
 - d. 32
10. `RIGHT$(x$, n)` will
- a. Leave 'n' space at the right of string x\$
 - b. Leave 'n' space at the left of string x\$
 - c. Select 'n' characters from the right of side.
 - d. Select 'n' space from the right of side.
11. A file can be organized in the following ways:
- a. One way
 - b. Two ways
 - c. Three ways
 - d. Four ways
12. Which of the following is not a valid graphic mode command?
- a. LINE
 - b. PSET
 - c. COLOR
 - d. None
13. Normally the computer monitor screen is in:
- a. Graphic mode
 - b. Text mode
 - c. Both a & b
 - d. None
14. Which keyboard shortcut is used for double underline?
- a. Ctrl + Shift + D
 - b. Ctrl + I
 - c. Ctrl + Shift + M
 - d. Shift + F3
15. Press Ctrl + 2 keys for _____ spacing:
- a. Single
 - b. Double
 - c. Triple
 - d. Fifth

Paper: ComputerTotal Marks: 60Month Test: Annual

Obt. Marks: _____

Theme/Unit: _complete_Grand Total: 75

Subjective:

Signature: _____

Time: 2 hours

Roll No: _____

class: 10th

Section: _____

**Q. No. 1: Give short answers:****/14**

- 1) Why documentation is considered vital in problem solving process?
- 2) Define algorithm?
- 3) Write the flowchart symbols?
- 4) What is operator precedence? Also write the operators according to precedence.
- 5) Write three rules of naming variables?
- 6) Differentiate between Input and Output statement in GW-BASIC?
- 7) What is SELECTION structure? Write the names of selection structures?

Q. No. 2: Give short answers:**/16**

- 1) Write a program to print first ten odd numbers using While....Wend loop?
- 2) Define Array?
- 3) Describe the use of subscript variable in array?
- 4) Describe the use of GOSUB-RETURN statement?
- 5) Write down the purpose of INT(), ii. SQR()
- 6) Write the syntax of CIRCLE statement?
- 7) Find out the error if any? LINE(140, 100) – (300 – 100), 2, BF, 4
- 8) What will be the output of:

10 SCREEN 2

20 PSET (250, 50)

30 DRAW "G50 R100 H50"

40 END

Q. No. 3: Long Questions:**/30**

- Q. 1: (a). How many types of errors can occur in a program? Describe briefly. /5
 (b). What does it mean by type conversion? Describe rules of type conversion in BASIC. /5
- Q. 2: (a). Write a program to print the table of a given number. The program should get the number from the user. /5
 (b). Briefly discuss the PIXEL. /5
- Q. 3: (a). Write an algorithm to sum array A elements and array B elements. /5
 (b). Describe the way of opening, closing, reading and writing to a sequential file. /5