

LET statement LOCATE statement  
**SECTION "B" SHORT QUESTION ANSWER (Marks: 24)**

Note: Attempt any EIGHT questions from this section. Each question carries equal marks.

Q.2 How do comma (,) and semicolon (;) affect the output of PRINT statement?

Q.3 Define computer programming language.

Q.4 What will be the output of the following program?

Q.5 Rewrite the following statements after removing the errors:

105 FOR A\$ = A TO Z

2.4 IF I = 30 THEN END

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Q.6 What is the difference between Direct mode and Indirect mode?

Q.7 Convert the following algebraic expression into GWBASIC formulae"

(i)  $a^2 + 2ab + b^2$

(ii)  $\frac{\left(\frac{1}{2}\right) + x^2}{x^2 \left(\frac{1}{2}\right)}$

(iii)  $\frac{-b \sqrt{b^2 - 4ac}}{2a}$

Q.8 Write the purpose of the following:

LIST, AUTO, LOCATE

Q.9 What is the difference between Counter loop and Controlled loop?

Q.10 READ-DATA statement is used to assign values to the variables. Explain it with example.

Q.11 What is the difference between KILL and NEW commands in the BASIC language?

Q.12 Define Array.

Q.13 Define language translator.

**SECTION "C" DETAILED ANSWER QUESTION (Marks: 24)**

**NOTE:** Attempt any **FOUR** questions from this Section. All questions carry equal marks.

Q.14 What is the difference between High Level Languages and Low Level Languages?

Q.15 Explain operators and its types.

Q.16 Write a program to display even numbers from 2 to 20, also draw a flowchart.

Q.17 Define variable and describe its types.

Q.18 Define function and describe its types.

Q.19 Write all forms of the following abbreviations: (any six)

(i) GUI (ii) BIT (iii) RAM

(iv) BIOS (v) CGA (vi) BASIC

(vii) DBMS (viii) CPU (ix) IBM