Giridhar Kumar
Programming:-

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SEM — IV   Unit-5, paper-05

CLASSMATE
Date
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④ Jumping Statements:-

Ⓐ Unconditional GO TO

Fortran

GO TO LO

ⓑ Computed GO TO

Fortran

GO TO (10, 20, 30), N

ⓒ Assigned GO TO

Fortran
ASSIGN 20 TO K
GO TO K

⑤ Subscripted Variables (Arrays)
Used to store multiple values.
Fortran
INTEGER A (5)
A(1) = 10

⑥ Functions and Subroutines.

Ⓐ Arithmetic Statements.
Fortran
C = A+B * D

ⓑ Function
Returns One Value
REAL FUNCTION SQUARE(X)

SQUARE = X * X
RETURN
END.

GIRIDHAR KUMAR.

Programming.

Call:

Fortran
Y = SQUARE (5.0)

(c) Function Subprogram.

A block that computes and returns a value.

Uses:

• Mathematical calculations.
• physics formulas.

(d) Subroutine.

Does not return a value directly.

Fortran
SUBROUTINE ADD (A, B, C)
$\quad$ C = A+B.
RETURN
END.

Call:
$\quad$ Fortran
CALL ADD (X, Y, Z)

→ xxx ←