

14/12/22

VIDYASAGAR COLLEGE FOR WOMEN
SEMESTER-5,CEMA, PAPER:DSE-A2, 2023
INTERNAL ASSESSMENT

Time: 30 minutes

Full marks: 1x10

Roll No.....

Regn. No.....

Answer any 10 questions (1x10)

(In case more than 10 questions are attempted, only the first 10 will be considered)

1. Write a FORTRAN expression corresponding to the following mathematical expression: $\sqrt{(a^2 + b^2)}$
2. Which of the following are unacceptable as integer variables in FORTRAN (unless declared as integer)
a) NEXT b) ANSWER c) J+32
3. If A=2.5 and B=3.5, find the values of A and B after the following program segment is executed:
A=B
B=A
4. How many times will the DO loop be executed:
DO K=1,11,3
End DO
5. Mention one difference between a function sub-program and subroutine sub-program.
6. Find the value of K after the following Fortran program segment is executed:
K=2
DO I=3,8,2
K=K+I
END DO
K=2*K
7. A cell represented as \$C\$13 in Excel is a case of
a) Absolute reference b) Relative reference c) Mixed reference d) None of these
8. What is the result of the following operation of the intrinsic function 'MOD' in FORTRAN? MOD(12, 5)
9. What is the result of the expression written in the formula bar of Excel : = 2⁽⁻³⁾?
10. Write one limitation of Goal seek in excel.
11. What is the excel command used to multiply two matrix.
12. Name an excel in-built function which quickly calculates the slope, intercept and other statistical parameters for a given set of (xi,yi) values.