

اسم الطالب:
اسم الاستاذ:

الرقم الجامعي :
رقم الشعبة:

Department Of Chemical Engineering
College Of Engineering
King Saud University

GE 209 Computer Programming
First Semester 1429/1430 H
Time Allowed: 1:15 Hours

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Midterm EXIMANATION

Question#	Mark
1	
2	
3	
Total	

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الرقم الجامعي:
رقم الشعبة:

QUESTION (1)

- (i) Given the following values: A=4.0 , B=2.0, C=4.0, D=2.0, F=2.0. Calculate the value of R for the following FORTRAN statements.

FORTTRAN STATEMENT	ANSWER
$R=A**3-4.0**B/1.0+C**2/D*F$	R=
$R=A**3-4.0**B/(1.0+(C**2/(D*F)))$	R=
$R=(A**3-4.0**B)/(1.0+C**2/D/F)$	R=

- (ii) Write the output of the following program:

```
REAL :: X,Y
CHARACTER(11)::COLLEGE
X=5.1
Y=12.23
COLLEGE="ENGINEERING"
PRINT'(1X,F7.2,2X,F4.2,1X,A4)',X,Y,COLLEGE(5:8)
STOP
END
```

ANSWER:

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- (iii) Write the output of the following program:

```
K=0
DO I=1,2
  DO J=3,4
    K=K+J
  END DO
  K=K-I
END DO
PRINT *,K
STOP
END
```

ANSWER:

K=

