

usa

The Office of Testing and Evaluation Services  
Room 373, 1025 W Johnson ST Madison, WI 53706 (608)262-5863

Job #: 714  
Customer #: 266

Section = 604  
INDIVIDUALIZED LISTING OF CHOSEN VS. CORRECT RESPONSE

Your Total Score: 34.00  
Student ID: [REDACTED]  
Maximum Possible Score: 40.00

Special Codes: 604

ITEM: KEYS: YOURS:

- 1 C
- 2 A
- 3 C
- 4 B
- 5 E
- 6 B
- 7 D
- 8 E
- 9 A
- 10 D
- 11 C
- 12 B
- 13 A
- 14 A
- 15 D
- 16 D
- 17 B
- 18 E
- 19 C
- 20 E

C

D  
A

\* INDICATES A MULTIPLE RESPONSE

X INDICATES THE ITEM WAS OMITTED

## Answer Sheet for Part 2

21. Answer goes here:

```
clear;
load('points.txt');
count = 0;
for i = 1:length(points)
    x = points(i, 1);
    y = points(i, 2);
    distance = sqrt(x.^2 + y.^2);
    if distance < 5
        count = count + 1;
    end
end
count
```

4

22. Answer goes here:

```
clear;
number = input('Enter a number between 1 and 10');
while number < 1 | number > 10
    number = input('Please try again, Number must be between 1 and 10');
end
```

K

23. Answer goes here:

titled: classify.m

```
function output = classify(x)
if x <= 40;
    output = 1;
elseif x <= 80;
    output = 2;
elseif x <= 100;
    output = 3;
else
    output = 4;
end
```

4

24. Answer goes here:

```

with(linalg):
A:= array ([[3,2,1], [7,12,5], [1,4,3]]);
b:= vector([3.04, 13.62, 4.78]);
sol:= linsolve(A,b);
apple:= sol[1];
bagel:= sol[2];
chocolate:= sol[3];

```

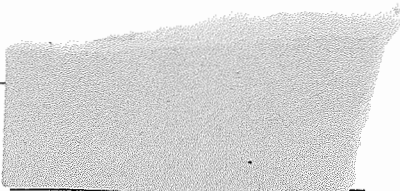
25. Answer goes here:

```

clear;
A = [1, 0, 0, 0; 0, 0, 0, 1; 0, 0, 1, 1; 0, 1, 0, 0]
b = [s(3)-s(6); s(1)-s(2); s(4); s(6)-s(5)]
solution = A \ b

```

Name: \_\_\_\_\_



Student ID \_\_\_\_\_

Team Lab (circle the one you attend)

- 601 (8:50 Th)                      607 (8:50 F)
- 602 (9:55 Th)                    608 (9:55 F)
- 603 (11:00 Th)
- 604 (12:05 Th)
- 605 (1:20 Th)
- 606 (2:25 Th)

*Do not write inside this box*

Parts 1 & 2:    34 / 40

Part 3:        19 / 20

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Total:        53 / 60

7