Version C1

**Multiple Choice**--- 30 pts total

1. C
2. A
3. B
4. D
5. C
6. A
7. B
8. A
9. E
10. D

**Tracing**--- 18 pts total

1. A
2. 3
3. 2
4. 15
5. 3
6. 3

**Design Problem**--- 22 pts total

1. 4
2. char, char, char, double
3. 1
4. double
5. Generates a GTID based on student information.
6. function id = GTID(first, middle, last, bday)
7. 1516
8. 2016

Version C2

**Multiple Choice**--- 30 pts total

1. D
2. D
3. C
4. A
5. B
6. A
7. E
8. A
9. C
10. E

**Tracing**--- 18 pts total

1. C
2. 2
3. 3
4. 15
5. 3
6. 3

**Design Problem**--- 22 pts total

1. 4
2. 1
3. char char char double
4. double
5. Generate the GTID based on student info.
6. function id = GTID(first,middle,last,bday)
7. 1516
8. 2016

Version C3

**Multiple Choice**--- 30 pts total

1. D
2. B
3. D
4. C
5. D
6. B
7. A
8. A
9. E
10. A

**Tracing**--- 18 pts total

1. B
2. 2
3. 3
4. 15
5. 3
6. 3

**Design Problem**--- 22 pts total

1. 4
2. 1
3. char char char double
4. double
5. function id = GTID(first,middle,last,bday)
6. Generate the GTID based on student info.
7. 2016
8. 1516

Version C4

**Multiple Choice**--- 30 pts total

1. A
2. B
3. C
4. D
5. D
6. A
7. A
8. C
9. E
10. A

**Tracing**--- 18 pts total

1. D
2. 2
3. 3
4. 15
5. 3
6. 0

**Design Problem**--- 22 pts total

1. 4
2. 1
3. double
4. char char char double
5. function id = GTID(first, middle, last, bday)
6. Generate a GTID based on student info.
7. 2016
8. 1516

**CODING**

**A**

function str = stringCrazify(str)

for index = 1:length(str)

switch str(index)

case {'a','e','i','o','u'}

str(index) = str(index) - 32;

end

end

**B**

function [A,B,C,D] = cleanUp(ca)

A = {};

B = {};

C = {};

D = {};

for cell = ca

switch class(cell{:})

case 'char'

A=[A, cell];

case 'double'

B=[B, cell];

case 'logical'

C=[C, cell];

otherwise

D=[D, cell];

end

end