CMPSC16 Spring 2017 Final Exam Answer Sheet
Make sure you have all 4 pages

Name: ______________________________ Seat no. _______ Perm no. :______________

Student to your left:____________________ Student to your right ____________________

Part 1 [20 pts] : Multiple Choice										Part 2, Q1 [5pts]
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	
○ A	○ A	○ A	○ A	○ A	○ A	○ A	○ A	○ A	○ A	
○ B	○ B	○ B	○ B	○ B	○ B	○ B	○ B	○ B	○ B	
○ C	○ C	○ C	○ C	○ C	○ C	○ C	○ C	○ C	○ C	
○ D	○ D	○ D	○ D	○ D	○ D	○ D	○ D	○ D	○ D	
○ E	○ E	○ E	○ E	○ E	○ E	○ E	○ E	○ E	○ E	

Part 2, Q2 [10 pts]: `int minArrayRecursive(int *arr, int len){`

}

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Part 3 Q1 [5 pts]
a._____ **b.** _____ **c.** _____ **d.**_____ **e.**_____

Q2 a. [3pts] Pointer diagram

Fill in the correct circle Q2b [1pt] ◯ Heap ◯ Stack **Q2c [1pt]** ◯ Yes ◯ No

Q2d [5 pts] `void addToEndOfList(LinkedList*& list, char value){`

}

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Q3 [5 pts]
```
LinkedList* arrayToLinkedList(char* arr, int len){

}
```

Q4 [10 pts]
```
int countCharIterative(LinkedList* list, char value){

}
```

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Q5/Q6 [10 pts] Your implementation must be RECURSIVE