CH.5

Multiple Choice

1. C
3. D
5. A
7. B
9. A
11. D
13. B
15. A
17. D
19. C

True or False

1. F
3. T
5. F
7. F
9. T
11. T
13. T
15. F

Short Answer

1. It helps divide your program into small chunks instead of one long complex code
3. It will stop the program if no more code is next unless there is then it will continue from where the function was called
5.
7. The library function is random.randint()
9. Input, Process, Output
11. It helps to edit later and easier to understand.

Algorithm Workbench

1.
```
def times_ten():
        num1=int(input('num please: '))
        sum1=num1*10
        print(sum1)
  times_ten()
```
3. a=3, b=2, c=1
5.
```
def my_function(a,b,c):
        d=(a+c)/b
        print(d)
  my_function(2,4,6)
```

```
7. def half(number):
        number=6
        half=number/2
   result=half(number)
   print(result)
9. def times_ten():
        num1=int(input('give me number: ')
        sum1=num1*10
   times_ten()
```

CH.6

Multiple Choice

1. B
3. D
5. A
7. D
9. A
11. B
13. B
15. B

True or False

1. T
3. F
5. F
7. T
9. F

Short Answer

1. Open file, edit or read file, close file
3. When a file is opened for read it starts you at the top and reads everything.
5. It will start you at the bottom waiting for you to add to the file.

Algorithm Workbench

```
1.   T = open("my_file.txt","w")
       T.write("Nicholas N")
       T.close()
2.  T = open("my_file.txt","r")
       T.read()
       T.close()
3.  t= open("numbers.txt",'w")
print("1-100")
       For c in range (100):
```

```
        print(c)
        Write file.write(str(c)+\n
t.close()
```
4.
```
f = open("students.txt","r")
lines = f.readlines()

f.close()

f = open("students.txt","w")

data=[]

for line in lines:

data=line.split()

print(data)

if(data[0]!="John Perz"):

f.write(line)

f.close()
```

5. Should print out incorrect because wrong value-

CH.7

Multiple Choice

1. A
3. C
5. B
7. B
9. C
11. A
13. D

True or False

1. F
3. T
5. T
7. F

Short Answer

1. a. 5
   b. 0
   c. 4

3. 4,8
5. 5

Algorithm Workbench

1.x=’en, newton’
X.split[,]
2.list=[i in range(100)]
list2= []
For i in list
    list2.append(i)
3. list= []
List[a]
4.40,50,60,10,20,30