Question 1:
A()

```
def A():
    printA()
    printA()

def printA():
    print("Best of Luck")
    print('Midterm warriors!')
```

A. The Motivation quotes print like normal.
B. We get a TypeError.
C. We get a NameError.
D. The program compiles, but nothing prints.

Answer: C

Question 2.

```
s1 = "Hey"
s2 = s1[0:1]
s3 = s2.lower()
```

What is s2 and s3?

Answer:
s2 = 'H'
s3 = 'h'

Question 3.
What is a list("abbo")?

Answer:
['a','b','b,''o']

Question 4.
M = '900'
What is print(eval(2*M))
900900 or 1800 or 2*900?

Answer:
900900

Question 5.
What is the Hexadecimal number **AE.B** and binary number **110110.011**?

Answer:
AE.B = 10 (corresponds to A)*16 + 15 (corresponds to E) + 1/16 * 11 (corresponds to B) = 174,6875
10110.011: 2 + 2^2 + 2^4 + ¼ + ⅛ = 22,375

Question 6.
What is ls[::-1] and ls[:-2]for ls = [10, 9,4,2]

Answer:
ls[::-1] = [2,4,9, 10]
ls[:-2] = [10, 9]

Question 7.

```
Zoo = {"Cat": 19, "Zebra": 10, “Lion”: 8}
ZooList = list(Zoo.items())
for a,b in ZooList:
        print(a, b)
```

What is the output?

Answer:
Cat 19
Zebra 10
Lion 8

Question 8.

```
Zoo = {"Cat": 19, "Zebra": 10, "Lion": 8}
ZooList = list(Zoo.items())
sZooList = sorted(ZooList)
for idx in range(len(sZooList)):
        print(sZooList[idx][1], sZooList[idx][0])
```

What is the output?

Answer:
19 Cat
8 Lion
10 Zebra

Question 9.

```
Def check(st1, st2):
        try:
                s=st1+st2
                print("concatenation succeed")
        except TypeError:
                print("failed typeError")
check(2,"10")
```

What is the output?

Answer:
failed typeError

Question 10.

s = ('a', 'b', 'c')
s[0] = 2
What is print(s)

Answer:
Error (because of the tuple)

Question 11.

l1 = l2 = []
l3 = l2
l1.append(2)
l2.append(10)
print(l3)
What is the output?

Answer:
[2, 10]