1. What will be the output of the following Python code?

```
f = None
for i in range (5):
    with open("data.txt", "w") as f:
        if i> 2:
            break
print(f.closed)
```

A. True

B. False

C. None

D. Error

Answer: A

---

2. What Will Be The Output Of The Following Code Snippet?

```
fo = open("myfile.txt", "w+")
print ("Name of the file: ", fo.name)
seq="TechBeamers\nHello Viewers!!"
fo.writelines(seq )
fo.seek(0,0)
for line in fo:
    print (line)
fo.close()
```

A. TechBeamers

Hello viewers!!

B. Name of the file: myfile.txt

TechBeamers

Hello Viewers!!

C. TechBeamers Hello viewers!!

D. Syntax Error

Answer: B

---

3. What Will Be The Output Of The Following Code Snippet?

```
fo = open("myfile.txt", "w+")
print ("Name of the file: ", fo.name)
txt = "This is 1st line,"
fo.writelines( txt )
seq = " This is 2nd line, This is 3rd line"
fo.seek(0, 2)
fo.writelines(seq )
fo.seek(0,0)
line = fo.readlines()
print ("Read Line: %s" % (line))
fo.close()
```

A. Name of the file: myfile.txt

Read Line: [‘This is 1st line, This is 2nd line, This is 3rd line’]

B. Name of the file: myfile.txt

Read Line: [‘ This is 2nd line, This is 3rd line’]

C. Read Line: [‘This is 1st line’]

D. Runtime Error

Answer. A

---

4. What Will Be The Output Of The Following Code Snippet?

```
with open("hello.txt", "w") as f:
    f.write("Hello World how are you today")
with open('hello.txt', 'r') as f:
data = f.readlines()
for line in data:
words = line.split()
print (words)
f.close()
```

A. Runtime Error

B. Hello World how are you today

C. [‘Hello’, ‘World’, ‘how’, ‘are’, ‘you’, ‘today’]

D. Hello

Answer: C

-

5. What Will Be The Output Of The Following Code Snippet?

```
f = open("data.txt", "r")
txt = "This is 1st line\n"
f.writelines( txt )
f.seek(0,0)
line = f.readlines()
print ("Read Line: %s" % (line))
f.close()
```

A. [‘ This is 1st line\n’]

B. []

C. IO Error

D. None

Answer: C

---

6. What Will Be The Output Of The Following Code Snippet?

```
try:
    f = open("testfile", "r")
    f.write("This is the test file for exception handling!!")
except IOError:
    print ("Error: could not find a file or read data")
else:
    print ("content is written in the file successfully")
```

A. This is the test file for exception handling!!

B. Error: could not find a file or read data

C. content is written in the file successfully

D. IO Error

Answer: B

---

7. What Will Be The Output Of The Following Code Snippet?

```
colors = ['red\n', 'yellow\n', 'blue\n']
f = open('colors.txt', 'w')
f.writelines(colors)
f.close()
f.seek(0,0)
for line in f:
    print (line)
```

A. red

yellow

blue

B. [‘red\n’, ‘yellow\n’, ‘blue\n’]

C. Error: I/O operation on closed file.

D. Compilation error

Answer: C

---

8. What gets printed?

```
import re

sum = 0

pattern = 'back'

if re.match(pattern, 'backup.txt'):
    sum += 1

if re.match(pattern, 'text.back'):
    sum += 2

if re.search(pattern, 'backup.txt'):
    sum += 4

if re.search(pattern, 'text.back'):
    sum += 8

print(sum)
```

A. 3

B. 7

C. 13

D. 14

Answer: C

---

9. What will be the output of the following Python code?

```
import re

sentence = 'we are humans'

matched = re.match(r'(.*) (.*?) (.*)', sentence)

print(matched.groups())
```

A. ('we', 'are', 'humans')

B. (we, are, humans)

C. ('we', 'humans')

D. 'we are humans'

Answer: A

---

10. What will be the output of the following Python code?

```
import re

sentence = 'we are humans'

matched = re.match(r'(.*) (.*?) (.*)', sentence)

print(matched.group())
```

A. ('we', 'are', 'humans')

B. (we, are, humans)

C. ('we', 'humans')

D. we are humans

Answer: D

---

11. What will be the output of the following Python code?

```
import re
```

```
sentence = 'we are humans'

matched = re.match(r'(.*) (.*?) (.*)', sentence)

print(matched.group(2))
```

A. are

B. 'we'

C. 'humans'

D. 'we are humans'

Answer: A

---

12. What will be the output of the following Python code?

```
import re

sentence = 'horses are fast'

regex = re.compile('(?P<animal>\w+) (?P<verb>\w+) (?P<adjective>\w+)')

matched = re.search(regex, sentence)

print(matched.groupdict())
```

A. {'animal': 'horses', 'verb': 'are', 'adjective': 'fast'}

B. ('horses', 'are', 'fast')

C. 'horses are fast'

D. 'are'

Answer: A

---

13. What will be the output of the following Python code?

```
import re
```

```
sentence = 'horses are fast'

regex = re.compile('(?P<animal>\w+) (?P<verb>\w+) (?P<adjective>\w+)')

matched = re.search(regex, sentence)

print(matched.groups())
```

A. {'animal': 'horses', 'verb': 'are', 'adjective': 'fast'}

B. ('horses', 'are', 'fast')

C. 'horses are fast'

D. 'are'

Answer: B

---

14. What will be the output of the following Python code?

```
import re

sentence = 'horses are fast'

regex = re.compile('(?P<animal>\w+) (?P<verb>\w+) (?P<adjective>\w+)')

matched = re.search(regex, sentence)

print(matched.group(2))
```

A. {'animal': 'horses', 'verb': 'are', 'adjective': 'fast'}

B. ('horses', 'are', 'fast')

C. 'horses are fast'

D. are

Answer: D

---

15. What is the output of the line of code shown below?

re.split('\W+', 'Hello, hello, hello.')

A. [‘Hello’, ‘hello’, 'hello.’]

B. [‘Hello, ‘hello’, ‘hello’]

C. [‘Hello’, ‘hello’, ‘hello’, ‘.’]

D. [‘Hello’, ‘hello’, ‘hello’, ”]

Answer: D

---

16. Which regular expression will match the string "JUL-28-87":

A. [a-z]+W[0-9]+W[0-9]+

B. ([a-z]+)W([0-9]+)W([0-9]+)

C. JUL-w-w

D. (.*?)-(\d+)-(\d+)

Answer: D

---

17. What will be the output of the following code?

string = "This is python test"

string[8:14] = "Java"

print (string)

A. This is java test

B. This is python test

C. 'str' object does not support item assignment

D. None of the above

Answer: C

---

18. What wllbe the output of the following code?

print (r'This is a \n string')

A. This is a string

B. This is a

string

C. This is a \n string

D. None of the above

Answer: C

---

19. What will be printed from following code?

print ("""This is a

string""")

A. This is a

string

B. This is a string

C. This is a \nstring

D. Both B and C

Answer: A

20. What is the output of the following code?

```
string ="This is python"
for i in string:
        if i == "i":
                print (string.find("i"))
```

A. 2

   5

B. 2

   2

C. 5

   2

D. Both A and B

Answer: B

----

21. What is the output of the following code?

```
string = "ABCDEFG"
fori in string:
        print (chr(i), end = "")
```

A. 65 66 67 68 69 70 71

B. Error

C. 97 98 99 100 101 102 103

D. None of the above

Answer: B

22. What will be the output of the following code?

```
string = "12345678"
for i in range(len(string)):
        string[i] = str(string[i])
print (string)
```

A. "1""2""3""4""5""6""7""8"

B. 12345678

C. Error

D. "12345678"

Answer: C

---

23. What will be the output?

```
print ("(string" + "") * "2")
```

A. Error

B. 'string string '

C. stringstring

D. string2 string2

Answer: A

---

24. What will be printed from the following code?

```
string = "PYTHON TEST"

print (string[-1:0:-1])
```

A. TSET NOHTY

B. No output

C. 'YTHON TEST'

D. Error

Answer: A

---

25. What will the output of the following code?

```
>>>"PYTHON TEST"[-11:-1:1]
```

A. 'TSET NOHTY'

B. 'PYTHON TES'

C. PYTHON TEST

D. No output

Answer: B