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Started on	Thursday, 14 March 2024, 2:23 PM
State	Finished
Completed on	Thursday, 14 March 2024, 2:24 PM
Time taken	1 min 14 secs
Grade	10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 1.00 out of 1.00

Which of the following declarations is incorrect in python language?

- ☐ a. `x y z p = 5000 6000 7000 8000`
- ☐ b. `x_y_z_p = 5,000,000`
- ☒ c. `x,y,z,p = 5000, 6000, 7000, 8000` ✓
- ☐ d. `xyzp = 5,000,000`

Your answer is correct.

The correct answer is:

`x,y,z,p = 5000, 6000, 7000, 8000`

Question **2**

Correct

Mark 1.00 out of 1.00

Which of the following [functions](#) is a built-in function in python language?

- ☐ a. `scanf()`
- ☒ b. `print()` ✓
- ☐ c. `val()`
- ☐ d. `printf()`

Your answer is correct.

The correct answer is:

`print()`

Question **3**

Correct

Mark 1.00 out of 1.00

What will be the datatype of the var in the below code snippet?

```
var = 10
print(type(var))
var = "Hello"
print(type(var))
```

- ☐ a. float and str
- ☒ b. int and str ✓
- ☐ c. No output
- ☐ d. int and int

Your answer is correct.

The correct answer is:
int and str

Question **4**

Correct

Mark 1.00 out of 1.00

What will be the output of the following code snippet?

```
a = 3
b = 1
print(a, b)
a, b = b, a
print(a, b)
```

- ☐ a. 1 3
3 1
- ☐ b. 3 1
3 1
- ☒ c. 3 1 ✓
1 3
- ☐ d. No output

Your answer is correct.

The correct answer is:
3 1
1 3

Question **5**

Correct

Mark 1.00 out of 1.00

What do we use to define a block of code in Python language?

- ☒ a. Indentation ✓
- ☐ b. Key
- ☐ c. Curly brace
- ☐ d. Parenthesis

Your answer is correct.

The correct answer is:
Indentation

Question **6**

Correct

Mark 1.00 out of 1.00

What will be the output of the following code snippet?

```
print(type(5 / 2))
```

- ☐ a. obj
- ☐ b. int
- ☐ c. str
- ☒ d. float ✓

Your answer is correct.

The correct answer is:
float

Question 7

Correct

Mark 1.00 out of 1.00

What will be the output of the following python Code-

```
mystring="India is my country"
```

```
print(type(mystring))
```

- ☐ a. class str
- ☐ b. 'str'
- ☒ c. <class 'str'> ✓
- ☐ d. str

Your answer is correct.

The correct answer is:

<class 'str'>

Question 8

Correct

Mark 1.00 out of 1.00

Type the code to get float input from the keyboard. (No need to assign to a variable)

Answer:



The correct answer is: float(input())

Question 9

Correct

Mark 1.00 out of 1.00

Who developed the Python language?

- ☐ a. Von Neumann
- ☐ b. Dennis Ritchie
- ☐ c. Bill Gates
- ☒ d. Guido Van Rossum ✓

Your answer is correct.

The correct answer is:

Guido Van Rossum

Question **10**

Correct

Mark 1.00 out of 1.00

Which one of the following is the correct extension of the Python file?

- ☐ a. .p
- ☐ b. .python
- ☐ c. .cpp
- ☒ d. .py ✓

Your answer is correct.

The correct answer is:

.py

◀ Basics of Python

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Week1_Coding ▶

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Started on	Wednesday, 3 April 2024, 9:23 PM
State	Finished
Completed on	Wednesday, 3 April 2024, 9:39 PM
Time taken	15 mins 58 secs
Grade	11.00 out of 15.00 (73.33%)

Question **1**

Correct

Mark 1.00 out of 1.00

What is the output of the following code

```
x = 1j
```

```
#display x:
```

```
print(x)
```

```
#display the data type of x:
```

```
print(type(x))
```

- ☐ a. `1`
`<class 'int'>`
- ☐ b. `1j.0`
`<class 'float'>`
- ☒ c. `1j` ✓
`<class 'complex'>`
- ☐ d. `1j`
`<class 'object'>`

Your answer is correct.

The correct answer is:

```
1j  
<class 'complex'>
```

Question **2**

Correct

Mark 1.00 out of 1.00

What is the value of the expression $1+2**3*4+12*((100+4)*10-200//10)$?

- ☐ a. -23679
- ☐ b. -24568
- ☐ c. 12493
- ☒ d. 12273 ✓

Your answer is correct.

The correct answer is:

12273

Question **3**

Correct

Mark 1.00 out of 1.00

Which of the following statements assigns the value 35 to the variable x in Python:

- ☒ a. **x = 35** ✓
- ☐ b. **int x = 35**
- ☐ c. **x ← 35**
- ☐ d. **x := 35**

Your answer is correct.

The correct answer is:

x = 35

Question **4**

Correct

Mark 1.00 out of 1.00

What will be the output of the following statement?

`print(15 + 20 / 5 + 3 * 2 - 1)`

- ☐ a. 12
- ☐ b. 19.0
- ☐ c. 19
- ☒ d. 24.0 ✓

Your answer is correct.

The correct answer is:

24.0

Question **5**

Correct


Mark 1.00 out of 1.00

What is the output of the following code

```
x = ["apple", "banana", "cherry"]
```

```
#display the data type of x:
```

```
print(type(x))
```

- ☐ a. `<class 'int'>`
- ☐ b. `<class 'float'>`
- ☐ c. `<class 'complex'>`
- ☒ d.  `<class 'list'>`

Your answer is correct.

The correct answer is:

`<class 'list'>`

Question **6**

Correct

Mark 1.00 out of 1.00

What is the output of the following code

```
x = 8
y = 2
print(x ** y)
print(x // y)
```

- ☐ a. 64
8
4
- ☒ b. 64 ✓
4
- ☐ c. 64
0
- ☐ d. 0
64

Your answer is correct.

The correct answer is:

64

4

Question 7

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

```
x = 4
```

```
y = 10
```

```
print(x % y)
```

- ☐ a. 10
- ☒ b. 6 ✖
- ☐ c. 4
- ☐ d. 1

Your answer is incorrect.

The correct answer is:

4

Question 8

Incorrect

Mark 0.00 out of 1.00

What is the two's complement of -44?

- ☐ a. 11101011
- ☐ b. 10110011
- ☐ c. 11010100
- ☒ d. 1011011 ✖

Your answer is incorrect.

The correct answer is:

11010100

Question **9**

Correct

Mark 1.00 out of 1.00

Which among the following [list](#) of [operators](#) has the highest precedence?

+ , - , ** , % , / , << , >> , |

- ☐ a. %
- ☐ b. |
- ☒ c. ** ✓
- ☐ d. << , >>

Your answer is correct.

The correct answer is:

**

Question **10**

Correct

Mark 1.00 out of 1.00

What is the output of the following code

x = 5

y = 3

print(x == y)

- ☐ a. Error
- ☐ b. True
- ☒ c. False ✓
- ☐ d. 5==3

Your answer is correct.

The correct answer is:

False

Question **11**

Correct

Mark 1.00 out of 1.00

Which of the following type of Python operator will only print True or False in output when we use it in our program?

- ☒ a. Comparison Operator ✓
- ☐ b. Arithmetic Operator
- ☐ c. Assignment Operator
- ☐ d. Membership Operator

Your answer is correct.

The correct answers are:

Membership Operator,
Comparison Operator

Question **12**

Correct

Mark 1.00 out of 1.00

What is the order of precedence in python?

1. **Multiplication**
2. **Division**
3. **Parentheses**
4. **Addition**
5. **Exponentiation**

- ☐ a. **1,2,3,4,5**
- ☐ b. **1,5,2,4,3**
- 3,1,2,4,5**
- ☒ c. **3,5,1,2,4** ✓
- ☐ d. **3,1,2,4,5**

Your answer is correct.

The correct answer is:

3,5,1,2,4

Question **13**

Correct

Mark 1.00 out of 1.00

Which of the following is not a valid variable name in Python?

- ☐ a. **var11**
- ☒ b. **5var** ✓
- ☐ c. **_var**
- ☐ d. **var_name**

Your answer is correct.

The correct answer is:

5var

Question 14

Incorrect

Mark 0.00 out of 1.00

State the output of the following code.

```
num1 = '10'
```

```
num2 = '20'
```

```
sum = num1 + num2
```

```
print(sum)
```

- ☐ a. 30
- ☐ b. 10
- ☒ c. 1020 ✖
- ☐ d. Error

Your answer is incorrect.

The correct answer is:

Error

Question 15

Incorrect

Mark 0.00 out of 1.00

What will be the output of statement `2**2**2**2`

- ☐ a. 32768
- ☐ b. 16
- ☒ c. 256 ✖
- ☐ d. 65536

Your answer is incorrect.

The correct answer is:

65536

◀ Operators

Jump to...

Week2_Coding ▶

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Started on Monday, 8 April 2024, 8:40 PM

State Finished

Completed on Monday, 8 April 2024, 8:50 PM

Time taken 9 mins 57 secs

Grade 8.00 out of 15.00 (53.33%)

Question **1**

Correct

Mark 1.00 out of 1.00

x,y=1,2

if(x or y):

print("1")

else:

print("0")

- ☒ a. 1 ✓
- ☐ b. Runtime error
- ☐ c. 0
- ☐ d. Compile time error

Your answer is correct.

The correct answer is:

1

Question **2**

Incorrect

Mark 0.00 out of 1.00

Python supports _____ types of control structures.

- ☒ a. 4 ✖
- ☐ b. 2
- ☐ c. 3
- ☐ d. 1

Your answer is incorrect.

The correct answer is:

3

Question **3**

Incorrect

Mark 0.00 out of 1.00

Can we write if/else into one line in python?

- ☒ a. No ✖
- ☐ b. Yes

Your answer is incorrect.

The correct answer is:

Yes

Question 4

Correct

Mark 1.00 out of 1.00

What is the output

```
a, b, c = 1, 3, 5
```

```
if a + b + c:
```

```
    print("Hello")
```

```
else:
```

```
    print("Know Program")
```

- ☐ a. Compiled Successfully, No Output.
- ☐ b. Error
- ☐ c. Know Program
- ☒ d. Hello ✓

Your answer is correct.

The correct answer is:

Hello

Question 5

Incorrect

Mark 0.00 out of 1.00

Can we write if/else into one line in python?

- ☐ a. Yes
- ☒ b. No ✗

Your answer is incorrect.

The correct answer is:

Yes

Question **6**

Incorrect

Mark 0.00 out of 1.00

What will be the output for the following code?

```
if 1-1:
```

```
    print("python")
```

```
else:
```

```
    print("0 is false")
```

- ☒ a. Error ❌
- ☐ b. 0 is false
- ☐ c. python

Your answer is incorrect.

The correct answer is:

0 is false

Question **7**

Correct

Mark 1.00 out of 1.00

To write else statement in if-elif ladder is mandatory?

- ☒ a. False ✔️
- ☐ b. True

Your answer is correct.

The correct answer is:

False

Question 8

Incorrect

Mark 0.00 out of 1.00

What will be the output for the following code?

if False:

```
    print("1001")
```

else:

```
    print("2002")
```

- ☐ a. 1001
- ☐ b. 2002
- ☒ c. syntax error ✖

Your answer is incorrect.

The correct answer is:

2002

Question 9

Correct

Mark 1.00 out of 1.00

What is the output of the given below program?

if 1 + 3 == 7:

```
    print("Hello")
```

else:

```
    print("Know Program")
```

- ☐ a. Error
- ☐ b. Compiled Successfully, No Output.
- ☐ c. Hello
- ☒ d. Know Program ✔

Your answer is correct.

The correct answer is:

Know Program

Question **10**

Incorrect

Mark 0.00 out of 1.00

Given the nested `if-else` below, what will be the value `x` when the code executed successfully

`x = 0``a = 5``b = 5``if a > 0:` `if b < 0:` `x = x + 5` `elif a > 5:` `x = x + 4` `else:` `x = x + 3``else:` `x = x + 2``print(x)`

- ☐ a. 3
- ☐ b. 0
- ☐ c. 2
- ☒ d. 4 ✖

Your answer is incorrect.

The correct answer is:

3

Question **11**

Correct

Mark 1.00 out of 1.00

What is the output of the given below program?

```
if 1 + 3 == 7:
    print("Hello")
else:
    print("Know Program")
```

- ☒ a. Know Program ✓
- ☐ b. Hello
- ☐ c. Compiled Successfully, No Output
- ☐ d. Error

Your answer is correct.

The correct answer is:

Know Program

Question **12**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

```
x=3
```

```
if x>2 or x<5 and x==6:
```

```
    print("ok")
```

```
else:
```

```
    print("no output")
```

- ☐ a. ok
- ☒ b. no output ✗
- ☐ c. None of the given option
- ☐ d. error

Your answer is incorrect.

The correct answer is:

ok

Question **13**

Correct

Mark 1.00 out of 1.00

selection is implemented with the help of _____ statement

- ☒ a. if..else ✓
- ☐ b. for loop
- ☐ c. while loop

Your answer is correct.

The correct answer is:
if..else

Question **14**

Correct

Mark 1.00 out of 1.00

What is the value of x at the end of the following sequence of instructions?

```
x = 10
x = x * 3
x = x + 5
```

- ☐ a. 15
- ☒ b. 35 ✓
- ☐ c. 45
- ☐ d. 30

Your answer is correct.

The correct answer is:
35

Question **15**

Correct

Mark 1.00 out of 1.00

What is the output of the below code snippet?

```
num1=100
num2=200
num3=6
if(5>=num3):
    if(num1>100 or num2>150):
        print("1")
elif(num1>=100 and num2>150):
    print("2")
else:
    print("3")
```

- ☐ a. 3
- ☒ b. 2 ✓
- ☐ c. 1

Your answer is correct.

The correct answer is:

2

[◀ Selection control structures](#)

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Started on Monday, 15 April 2024, 10:16 AM

State Finished

Completed on Monday, 15 April 2024, 10:41 AM

Time taken 25 mins

Question **1**

Complete

```
numbers = (8, 9, 11, 20)
a = 1
for num in numbers:
    a = a * num
print(a)
```

Predict the output of the program?

Answer: 15840

Question **2**

Complete

Which one of them is the correct syntax of for loop in python ?

- ☐ a.

```
for[sequence] in [item]:
    loop body
```
- ☐ b.

```
for[sequence] in [sequence]:
    loop body
```
- ☒ c.

```
for [item] in [sequence]:
    loop body
```
- ☐ d.

```
for [item] in [item]:
    loop body
```

Question **3**

Complete

For loop follows which principle?

- ☐ a. Single responsibility
- ☒ b. Don't Repeat Yourself (DRY)
- ☐ c. You Aren't Going to Need It(YAGNI)
- ☐ d. Open/closed

Question **4**

Complete

```
i = 0
while i < 3 :
    print(i)
    i += 1
    if i == 2:
        continue
    else:
        print(0)
```

What is the output of the following?

- ☒ a. 0
1
2
0
- ☐ b. 0
0
1
1
0
- ☐ c. 0
0
1
2
0
- ☐ d. 0
1
1
1
0

Question **5**

Complete

The range() function returns a

- ☒ a. sequence of numbers
- ☐ b. sequence of [set](#)
- ☐ c. sequence of lists
- ☐ d. sequence of bytes

Question **6**

Complete

```
for x in [0, 1, 2]:  
    pass
```

Predict the output of the program?

- ☐ a. Prints 0,1,2
- ☐ b. Compilation Error
- ☒ c. Prints nothing
- ☐ d. Runtime Error

Question **7**

Complete

How many times it will print the statement?

```
for i in range(102):  
    print(i)
```

Answer: 102

Question **8**

Complete

How many times the loop run?

```
for i in range(-3):  
    print(i)
```

Answer: loop will not run

Question **9**

Complete

Which of the following is an infinite loop?

- ☐ a. while(i==2):
- ☒ b. while(1):
- ☐ c. while(infinite):
- ☐ d. while(0):

Question **10**

Complete

```
i=1
while True:
    if i%0o7==0:
        break
    print(i)
    i+=1
```

Predict the output of the following?

- ☐ a. 7
- ☐ b. 1 2 3 4 5 6 7
- ☒ c. 1 2 3 4 5 6
- ☐ d. 0 1 2 3 4 5 6 7

Question **11**

Complete

While loop can execute a [set](#) of statements till

- ☐ a. The condition starts executing
- ☐ b. The condition stops executing
- ☒ c. The condition is True
- ☐ d. The condition is False

Question **12**

Complete

A while loop in python is used for what type of iteration?

- ☐ a. **discriminant**
- ☒ b. **indefinite**
- ☐ c. **indiscriminant**
- ☐ d. **definite**

Question **13**

Complete

Which of the following is a loop in python?

- ☐ a. Break
- ☐ b. Do-While
- ☒ c. For
- ☐ d. If-Else

Question **14**

Complete

A while loop in python is used for what type of iteration?

- ☒ a. **indefinite**
- ☐ b. **discriminant**
- ☐ c. **definite**
- ☐ d. **indiscriminant**

Question **15**

Complete

```
num =0
while num < 5:
    num = num + 1
    print('num = ', num)
Predict the output of the following?
```

- ☐ a. Prints no output
- ☐ b. Runtime error
- ☐ c. Runs correctly
- ☒ d. Indentation Error

[◀ Iteration control structures](#)[Week4_Coding ▶](#)

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Started on	Wednesday, 15 May 2024, 6:35 AM
State	Finished
Completed on	Wednesday, 15 May 2024, 6:47 AM
Time taken	12 mins 10 secs
Grade	7.00 out of 15.00 (46.67%)

Question 1

Incorrect

Mark 0.00 out of 1.00

Which of the following is False?

- ☐ a. lower() function in string is used to return a string by converting the whole given string into lowercase.
- ☐ b. String is immutable.
- ☐ c. capitalize() function in string is used to return a string by converting the whole given string into uppercase.
- ☒ d. None of the mentioned ✖

Your answer is incorrect.

The correct answer is:

capitalize() function in string is used to return a string by converting the whole given string into uppercase.

Question 2

Correct

Mark 1.00 out of 1.00

What is the output of the following Code?

```
print(ord('C'))
```

Answer:



The correct answer is: 67

Question **3**

Correct

Mark 1.00 out of 1.00

What will be the output of below Python code?

```
str1="Application"  
str2=str1.replace('a','A')  
print(str2)
```

Answer: Application



replace() function in string is used here to replace all the existing "a" by "A" in the given string.

The correct answer is: Application

Question **4**

Correct

Mark 1.00 out of 1.00

What is the output of the following Code?

```
print(ord('D'))
```

Answer: 68



The correct answer is: 68

Question **5**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following Code?

```
str1="6/4"  
print("str1")
```

Answer: 6/4



The correct answer is: str1

Question **6**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code?

```
my_string = 'arvijayakumar'
for i in range(my_string):
    print(i)
```

- ☒ a. None **✗**
- ☐ b. arvjayakumar
- ☐ c. Error
- ☐ d. 0 1 2 3 ... 12
- 1.

Your answer is incorrect.

The correct answer is:

Error

Question **7**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following Code?

```
str1="123456789"
print(str1[2:6:2])
```

Answer: 163456789

✗

The correct answer is: 35

Question 8

Incorrect

Mark 0.00 out of 1.00

```
my_string = "arvjayakumar"  
i = "i"  
while i in my_string:  
    print(i, end = " ")
```

- ☒ a. a r v j a y a k u m a r ✖
- ☐ b. i i i i i i . . .
- ☐ c. arvjayakumar
- ☐ d. None

Your answer is incorrect.

The correct answer is:

None

Question 9

Correct

Mark 1.00 out of 1.00

What is the output of the following code?

```
print('ab cd ef'.title())
```

- ☐ a. Ab cd eF
- ☒ b. Ab Cd Ef ✔
- ☐ c. Ab cd ef
- ☐ d. None of the mentioned

Your answer is correct.

The correct answer is:

Ab Cd Ef

Question **10**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code?

```
str1="vijay"  
for i in range(len(str1),6):  
    print(i)
```

- ☐ a. 5
- ☒ b. None of the above ✖
- ☐ c. y
- ☐ d. vijay

Your answer is incorrect.

The correct answer is:

5

Question **11**

Correct

Mark 1.00 out of 1.00

What is the output of the following Code?

```
str1="vijay"  
print(str1.capitalize())
```

Answer:



The correct answer is: Vijay

Question **12**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following?

```
my_string = 'arvijayakumar'
for i in range(len(my_string)):
    my_string[i].upper()
print (my_string)
```

- ☒ a. ARVIJAYAKUMAR ✖
- ☐ b. arvijayakumar
- ☐ c. None
- ☐ d. Error

Your answer is incorrect.

The correct answer is:

arvijayakumar

Question **13**

Correct

Mark 1.00 out of 1.00

What is the output of the following code?

```
print('Ab!2'.swapcase())
```

- ☐ a. ab12
- ☒ b. aB!2 ✔
- ☐ c. aB1@
- ☐ d. AB!@

Your answer is correct.

The correct answer is:

aB!2

Question 14

Incorrect

Mark 0.00 out of 1.00

Which of the following will result in an error?

```
str1="python"
```

- ☐ a. `print(str1[0:9])`
- ☐ b. `str1[1]="x"`
- ☒ c. None of the mentioned ✖
- ☐ d. `print(str1[2])`

Your answer is incorrect.

The correct answer is:

`str1[1]="x"`

Question 15

Correct

Mark 1.00 out of 1.00

Which of the following will give "Vijay" as output?

```
str1="John,Vijay,Aryan"
```

- ☐ a. `print(str1[-7:-11])`
- ☐ b. `print(str1[-7:-12])`
- ☐ c. `print(str1[-11:-7])`
- ☒ d. `print(str1[-11:-6])` ✔ Slicing takes place at one index position less than the given second index position of the string. So, second index position will be $-7+1=-6$.

Your answer is correct.

The correct answer is:

`print(str1[-11:-6])`

◀ Strings

Jump to...

Week5_Coding ▶

[Dashboard](#) / [My courses](#) / [PSPP/PUP](#) / [Experiments based on Lists and its operations.](#) / [Week6 MCQ](#)

Started on	Tuesday, 28 May 2024, 5:56 PM
State	Finished
Completed on	Tuesday, 28 May 2024, 6:04 PM
Time taken	8 mins 3 secs
Grade	10.00 out of 15.00 (66.67%)

Question **1**

Correct

Mark 1.00 out of 1.00

What will be the output after the following statements?

```
m = [75, 23, 64]
```

```
n = m[0] + m[1]
```

```
print
```

- ☐ a. 64
- ☒ b. 98 ✓
- ☐ c. 23
- ☐ d. 75

Your answer is correct.

The correct answer is:

98

Question **2**

Incorrect

Mark 0.00 out of 1.00

Find the output?

```
list1 = list('REC_CSE_ECE')  
print(list1.index('_'))
```

- ☐ a. 3
- ☒ b. AttributeError: 'list' object has no attribute 'index' ✖
- ☐ c. 4
- ☐ d. -4

Your answer is incorrect.

The correct answer is:

3

Question **3**

Correct

Mark 1.00 out of 1.00

What will be the output after the following statements?

```
m = [25, 34, 70, 63]  
n = str(m[1]) + str(m[2])  
print( n )
```

- ☐ a. 2534
- ☐ b. 95
- ☐ c. 104
- ☒ d. 3470 ✔

Your answer is correct.

The correct answer is:

3470

Question **4**

Correct

Mark 1.00 out of 1.00

Suppose listExample is ['h','e','l','l','o'], what is len(listExample)?

- ☐ a. Error
- ☒ b. 5 ✓
- ☐ c. 4

Your answer is correct.

The correct answer is:

5

Question **5**

Incorrect

Mark 0.00 out of 1.00

Find the output?

```
list1 = [1, 2, 3, 4,1,2,3]
```

```
list1.sort()
```

```
list1.pop()
```

```
list1.reverse()
```

```
print(list1)
```

- ☐ a. [3, 2, 1, 3, 2, 1]
- ☐ b. [3, 3, 2, 2, 1, 1]
- ☐ c. [4, 3, 3, 2, 2, 1]
- ☒ d. [4, 3, 3, 2, 2, 1, 1] ✗

Your answer is incorrect.

The correct answer is:

[3, 3, 2, 2, 1, 1]

Question 6

Incorrect

Mark 0.00 out of 1.00

Find the output?

```
list1 = [1, 2, 3, 4]
list1.append([5,6,7,8])
print(list1)
```

- ☐ a. [1,2,3,4][5,6,7,8]
- ☒ b. [1,2,3,4,5,6,7,8] ✖
- ☐ c. [1,2,3,4]
- ☐ d. [1,2,3,4,[5,6,7,8]]

Your answer is incorrect.

The correct answer is:

`[1,2,3,4,[5,6,7,8]]`

Question 7

Correct

Mark 1.00 out of 1.00

What will be the output after the following statements?

`m = ['July', 'September', 'December']``n = m[1]``print👉`

- ☐ a. December
- ☒ b. September ✔
- ☐ c. ['July', 'September', 'December']
- ☐ d. July

Your answer is correct.

The correct answer is:

`September`

Question **8**

Correct

Mark 1.00 out of 1.00

What will be the data type of m after the following statement?

```
m = [90, 'A', 115, 'B', 250]
```

- ☒ a. [List](#) ✓
- ☐ b. [Dictionary](#)
- ☐ c. String
- ☐ d. Tuple

Your answer is correct.

The correct answer is:

List

Question **9**

Correct

Mark 1.00 out of 1.00

Suppose list1 is [35, 55, 25, 11, 3], what is min(list1)?

- ☐ a. 35
- ☐ b. 11
- ☒ c. 3 ✓

Your answer is correct.

The correct answer is:

3

Question **10**

Correct

Mark 1.00 out of 1.00

Suppose list1 is [3, 4, 5, 20, 5], what is list1.index(5)?

- ☒ a. -3 ✓
- ☐ b. 4
- ☐ c. 1

Your answer is correct.

The correct answer is:

-3

Question **11**

Correct

Mark 1.00 out of 1.00

Which of the following searches for an element in a [list](#) and returns its index?

- ☒ a. index() ✓
- ☐ b. find()
- ☐ c. search()
- ☐ d. pop()

Your answer is correct.

The correct answer is:

index()

Question 12

Incorrect

Mark 0.00 out of 1.00

Write the output of the following:

T=(1,2,3,4,5.5)**L = list(T)****print(L*2)**

Answer: [1,2,3,4,5.5][1,2,3,4,5.5]



The correct answer is: [1, 2, 3, 4, 5.5, 1, 2, 3, 4, 5.5]

Question 13

Incorrect

Mark 0.00 out of 1.00

What will be the output after the following statements?

m = [45, 51, 67]**n = m[2]****print** 🦉

- ☒ a. 51 ✖
- ☐ b. 45
- ☐ c. [45, 51, 67]
- ☐ d. 67

Your answer is incorrect.

The correct answer is:

67

Question 14

Correct

Mark 1.00 out of 1.00

What will be the output after the following statements?

```
m = []  
for n in range(6):  
    m.append(n*3)  
print(m)
```

- ☐ a. []
- ☐ b. [0, 3, 6, 9, 12]
- ☒ c. [0, 3, 6, 9, 12, 15] ✓
- ☐ d. [3, 6, 9, 12, 15]

Your answer is correct.

The correct answer is:

[0, 3, 6, 9, 12, 15]

Question 15

Correct

Mark 1.00 out of 1.00

What will be the output after the following statements?

```
m = 'A'  
n = 'B'  
o = 'C'  
p = [m, n, o]  
print(p)
```

- ☐ a. ['C', 'B', 'A']
- ☐ b. ['C', 'A', 'B']
- ☐ c. 'C', 'A', 'B'
- ☒ d. ['A', 'B', 'C'] ✓

Your answer is correct.

The correct answer is:

['A', 'B', 'C']

[◀ List](#)

Jump to...

[Week6_Coding ▶](#)

[Dashboard](#) / [My courses](#) / [PSPP/PUP](#) / [Experiments based on Tuples, Sets and its operations](#) / [Week7 MCQ](#)

Started on	Saturday, 1 June 2024, 8:35 PM
State	Finished
Completed on	Saturday, 1 June 2024, 8:51 PM
Time taken	15 mins 56 secs
Grade	11.00 out of 15.00 (73.33%)

Question **1**

Correct

Mark 1.00 out of 1.00

Find the output of the given Python program?

```
t1 = (55, 44, 33, 22, 11)
```

```
x = [t1[i] for i in range(0, len(t1), 2)]
```

```
print(x)
```

- ☒ a. [55, 33, 11] ✓
- ☐ b. (55,33,11)
- ☐ c. ([55,33,11])
- ☐ d. [(55,33,11)]

Your answer is correct.

The correct answer is:

[55, 33, 11]

Question **2**

Correct

Mark 1.00 out of 1.00

What is the output of the following union operation

```
set1 = {10, 20, 30, 40}
set2 = {50, 20, "10", 60}

set3 = set1.union(set2)
print(set3)
```

- ☐ a. SyntaxError: Different types cannot be used with sets
- ☐ b. {40, '10', 50, 20, 60, 30}
- ☒ c. {40, 10, '10', 50, 20, 60, 30} ✓
- ☐ d. {40, 10, 50, 20, 60, 30}

Your answer is correct.

The correct answer is: {40, 10, '10', 50, 20, 60, 30}

Question **3**

Correct

Mark 1.00 out of 1.00

Which of the following options will produce the same output?

```
t = (15, 83, 21, 49, 60,45,52,85,100)
# options i, ii, iii, or iv
print(t[:-1])
print(t[0:5])
print(t[0:8])
print(t[-7:])
```

- ☐ a. i,ii
- ☐ b. ii,iv
- ☐ c. iii,iv
- ☒ d. i,iii ✓

Your answer is correct.

The correct answer is:

i,iii

Question **4**

Incorrect

Mark 0.00 out of 1.00

What will set1|set2 do?

```
If set1={"a", "b", 3}
set2={3,7}
```

- ☐ a. Elements of set1 will get appended to set2
- ☒ b. A new [set](#) will be created with the unique elements of set1 and set2. ✗
- ☐ c. Elements of set2 will get appended to set1
- ☐ d. A new [set](#) will be created with the elements of both set1 and set2

Your answer is incorrect.

The correct answer is:

A new [set](#) will be created with the elements of both set1 and set2

Question **5**

Correct

Mark 1.00 out of 1.00

A python tuple can be created without using any parentheses. (True/False)

- ☒ a. True ✓
- ☐ b. False

Your answer is correct.

The correct answer is:

True

Question **6**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following

```
set1 = {10, 20, 30, 40, 50}
set2 = {60, 70, 10, 30, 40, 80, 20, 50}

print(set1.issubset(set2))
print(set2.issuperset(set1))
```

- ☐ a. True
False
- ☒ b. False ✗
False
- ☐ c. True
True
- ☐ d. False
True

Your answer is incorrect.

The correct answer is:

True

True

Question 7

Correct

Mark 1.00 out of 1.00

What will be the output of following Python code?

```
list1=[1,3,4,2]
x=list1.pop(2)
print(set([x]))
```

- ☐ a. {2}
- ☐ b. {1,3,2}
- ☒ c. {4} ✓
- ☐ d. {1,3,4}

Your answer is correct.

The correct answer is:

{4}

Question 8

Correct

Mark 1.00 out of 1.00

Write the Output of the following Code?

```
t = (15,83,83,52,60,45,52,85,100)
print(min(t)+max(t)+t.count(52))
```

- ☒ a. 117 ✓
- ☐ b. 100
- ☐ c. Error
- ☐ d. 2

Your answer is correct.

The correct answer is:

117

Question **9**

Correct

Mark 1.00 out of 1.00

What will be printed when the following code executes?

```
a = ("Python Programming")
```

```
print type(a)
```

- ☐ a. str
- ☐ b. <class 'tuple'>
- ☒ c. <class 'str'> ✓
- ☐ d. <class 'int'>

Your answer is correct.

The correct answer is:

<class 'str'>

Question **10**

Incorrect

Mark 0.00 out of 1.00

What is printed when the following code is run?

```
tup = ('30', '3', '2', '8')  
print(sorted(tup,reverse = True))
```

- ☐ a. ['2', '3', '8', '30']
- ☒ b. ['30', '8', '3', '2'] ✗
- ☐ c. ['2', '3', '30', '8']
- ☐ d. ['8', '30', '3', '2']

Your answer is incorrect.

The correct answer is:

['8', '30', '3', '2']

Question **11**

Incorrect

Mark 0.00 out of 1.00

Which of the following Python code will create a [set](#)?

(i) `set1=set((0,9,0))`

(ii) `set1=set([0,2,9])`

(iii) `set1={}`

- ☐ a. ii
- ☒ b. iii ✖
- ☐ c. i,ii
- ☐ d. All of the above

Your answer is incorrect.

The correct answer is:

i,ii

Question **12**

Correct

Mark 1.00 out of 1.00

Find the output of the given Python program?

```
t1 = (1,2,3,(4,5))
t2 = (3,2,1,(4,5))
print(t1>t2)
```

- ☐ a. True
- ☒ b. False ✔
- ☐ c. Error
- ☐ d. Error

Your answer is correct.

The correct answers are:

False,

Error

Question **13**

Correct

Mark 1.00 out of 1.00

Select which is true for Python tuple?

- ☒ a. A tuple maintains the order of items ✓
- ☐ b. None of these
- ☐ c. A tuple is unordered
- ☐ d. We can change the tuple once created

Your answer is correct.

The correct answer is: A tuple maintains the order of items

Question **14**

Correct

Mark 1.00 out of 1.00

What is the output of the following

```
set1 = {1, 2, 3, 4, 5}
set2 = {6, 7, 1, 3, 4, 8, 2, 5}

print(set1.issubset(set2))
print(set2.issuperset(set1))
```

- ☐ a. False
True
- ☐ b. True
False
- ☒ c. True ✓
True
- ☐ d. False
False

Your answer is correct.

The correct answer is:

True

True

Question **15**

Correct

Mark 1.00 out of 1.00

What will the below Python code do?

```
set1={2,3}

set2={3,2}

set3={2,1}

if(set1==set2):

    print("yes")

else:

    print("no")

if(set1==set3):

    print("yes")

else:

    print("no")
```

- ☐ a. "==" is not supported for [set](#) in Python
- ☐ b. Yes, Yes
- ☐ c. No, No
- ☒ d. Yes, No ✓

Your answer is correct.

The correct answer is:

Yes, No

[◀ Set](#)

Jump to...

[Week7_Coding ▶](#)

[Dashboard](#) / [My courses](#) / [PSPP/PUP](#) / [Experiments based on Dictionary and its operations.](#) / [Week8 MCQ](#)

Started on Saturday, 1 June 2024, 9:35 PM

State Finished

Completed on Saturday, 1 June 2024, 9:45 PM

Time taken 9 mins 47 secs

Grade 11.00 out of 15.00 (73.33%)

Question **1**

Correct

Mark 1.00 out of 1.00

Keys in [dictionary](#) are ____.

- ☐ a. Mutable
- ☒ b. Immutable ✓
- ☐ c. antique
- ☐ d. integers

The correct answer is: Immutable

Question **2**

Correct

Mark 1.00 out of 1.00

There is no index value in [dictionary](#) like we have in [List](#).(T/F)

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True

Question **3**

Correct

Mark 1.00 out of 1.00

Key – value concept is in ____.

- ☐ a. String
- ☐ b. Tuple
- ☒ c. [Dictionary](#) ✓
- ☐ d. [List](#)

The correct answer is: [Dictionary](#).

Question **4**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code snippet?

```
a={1:"A", 2:"B", 3:"C"}  
print(a.get(5,4))
```

- ☒ a. 4 ✓
- ☐ b. Invalid Syntax,Error
- ☐ c. 5
- ☐ d. A

Your answer is correct.

The correct answer is:

4

Question **5**

Correct

Mark 1.00 out of 1.00

Write a statement to retrieve the value corresponding to the key 7 in [dictionary](#) 'D1'.

- ☐ a. D1.pop(7)
- ☒ b. D1.get(7) ✓
- ☐ c. D1.values(7)
- ☐ d. D1.disp(7)

The correct answer is: D1.get(7)

Question **6**

Incorrect

Mark 0.00 out of 1.00

We can repeat the values of Key in [Dictionary](#)?

- ☒ a. False ✗
- ☐ b. True

The correct answer is: True

Question **7**

Correct

Mark 1.00 out of 1.00

Which of the following is used to delete an element from [Dictionary](#)?

- ☒ a. pop 🎨 ✓
- ☐ b. None of the mentioned
- ☐ c. delete
- ☐ d. remove

The correct answer is: pop 🎨

Question **8**

Incorrect

Mark 0.00 out of 1.00

Which of the following is an example of [dictionary](#)?

- ☒ a. None of the mentioned ✖
- ☐ b. C = {}
- ☐ c. D = { }
- ☐ d. L = []

The correct answer is: D = { }

Question **9**

Correct

Mark 1.00 out of 1.00

_____ function returns the value corresponding to the key passed as the argument.

- ☐ a. update {}
- ☐ b. del {}
- ☒ c. get {} ✔
- ☐ d. values {}

The correct answer is: get {}

Question **10**

Correct

Mark 1.00 out of 1.00

clear() method is used to delete the [dictionary](#).

- ☒ a. False ✔
- ☐ b. True

The correct answer is: False

Question **11**

Incorrect

Mark 0.00 out of 1.00

Only values (without keys) can be printed in [dictionary](#)?

- ☒ a. False ❌
- ☐ b. True

The correct answer is: True

Question **12**

Correct

Mark 1.00 out of 1.00

Which function/statement delete the [dictionary](#) from the memory?

- ☐ a. clear 🎨
- ☐ b. delete 🎨
- ☐ c. pop 🎨
- ☒ d. del ✔️

The correct answer is: del

Question **13**

Correct

Mark 1.00 out of 1.00

Suppose `d = {"john":40, "peter":45}`, to delete the entry for "john" what command do we use?

- ☐ a. `del d("john":40)`
- ☒ b. `del d["john"]` ✔️
- ☐ c. `d.delete("john")`
- ☐ d. `d.delete("john":40)`

Your answer is correct.

The correct answer is:
`del d["john"]`

Question **14**

Incorrect

Mark 0.00 out of 1.00

Following statement return values in the form of: D1.keys() # D1 is a [dictionary](#).

- ☐ a. tuple
- ☐ b. string
- ☐ c. [list](#)
- ☒ d. [dictionary](#) ✖

The correct answer is: [list](#)

Question **15**

Correct

Mark 1.00 out of 1.00

To obtain the number of entries in [dictionary](#) which command is used?

- ☐ a. size(d)
- ☐ b. d.size()
- ☐ c. d.len()
- ☒ d. len(d) ✔

Your answer is correct.

The correct answer is:
len(d)

◀ [Dictionary](#)

Jump to...

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Started on Saturday, 1 June 2024, 9:46 PM

State Finished

Completed on Saturday, 1 June 2024, 9:55 PM

Time taken 9 mins 4 secs

Grade 12.00 out of 15.00 (80%)

Question **1**

Correct

Mark 1.00 out of 1.00

Choose the incorrect statement.

- ☐ a. `print(pow(2, 3, 2))`
- ☒ b. None of the mentioned ✓
- ☐ c. `print(pow(2, 3))`
- ☐ d. `print(pow(2.3, 3.2))`

The correct answer is: None of the mentioned

Question **2**

Incorrect

Mark 0.00 out of 1.00

Which of the following items are present in the function header?

- ☐ a. return value
- ☐ b. parameter [list](#)
- ☐ c. Both A and B
- ☒ d. function name ✗

Your answer is incorrect.

The correct answer is:

Both A and B

Question **3**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
def printMax(a, b):  
    if a > b:  
        print(a, 'is maximum')  
    elif a == b:  
        print(a, 'is equal to', b)  
    else:  
        print(b, 'is maximum')  
printMax(3, 4)
```

- ☒ a. 4 is maximum ✓
- ☐ b. 4
- ☐ c. None of the mentioned
- ☐ d. 3

Your answer is correct.

The correct answer is:

4 is maximum

Question **4**

Correct

Mark 1.00 out of 1.00

Which of the following is not the type of function argument?

- ☐ a. Keyword argument
- ☒ b. initial argument ✓
- ☐ c. Required argument
- ☐ d. default argument

The correct answer is: initial argument

Question **5**

Correct

Mark 1.00 out of 1.00

In a program, a function can be called ____ times.

- ☐ a. 5
- ☒ b. Multiple times ✓
- ☐ c. 3
- ☐ d. 2

The correct answer is: Multiple times

Question **6**

Incorrect

Mark 0.00 out of 1.00

Python function always returns a value

Select one:

- ☐ True
- ☒ False ✗

The correct answer is 'True'.

Question **7**

Correct

Mark 1.00 out of 1.00

A variable that is defined inside any function or a block is known as a ____.

- ☐ a. Function Variable
- ☐ b. Global variable
- ☒ c. Local variable ✓
- ☐ d. inside variable

The correct answer is: Local variable

Question **8**

Correct

Mark 1.00 out of 1.00

The ____ statement returns the values from the function to the calling function.

- ☐ a. give
- ☐ b. take
- ☒ c. return ✓
- ☐ d. send

The correct answer is: return

Question **9**

Incorrect

Mark 0.00 out of 1.00

Choose the correct statement

- ☐ a. We can create function with argument(s) and no return value.
- ☐ b. We can create function with no argument and with return value(s)
- ☐ c. All of the mentioned
- ☒ d. We can create function with no argument and no return value. ✗

The correct answer is: All of the mentioned

Question **10**

Correct

Mark 1.00 out of 1.00

The part of the program where a variable is accessible is known as the ____ of that variable

- ☐ a. none of the mentioned
- ☐ b. module
- ☐ c. part
- ☒ d. scope ✓

The correct answer is: scope

Question **11**

Correct

Mark 1.00 out of 1.00

Write the output of : `print(max([1, 2, 3, 4], [4, 5, 6], [7]))`

- ☒ a. [7] ✓
- ☐ b. [4, 5, 6]
- ☐ c. 7
- ☐ d. [1, 2, 3, 4]

The correct answer is: [7]

Question **12**

Correct

Mark 1.00 out of 1.00

Which keyword is used to begin the definition of a function?

- ☐ a. Def
- ☐ b. DEF
- ☐ c. Define
- ☒ d. def ✓

The correct answer is: def

Question **13**

Correct

Mark 1.00 out of 1.00

[Functions](#) which do not return any value is called ____.

- ☐ a. null function
- ☒ b. void function ✓
- ☐ c. default function
- ☐ d. zero function

The correct answer is: void function

Question **14**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
def maximum(x, y):  
    if x > y:  
        return x  
    elif x == y:  
        return 'The numbers are equal'  
    else:  
        return y  
print(maximum(2, 3))
```

- ☐ a. None of the mentioned
- ☐ b. The numbers are equal
- ☐ c. 2
- ☒ d. 3 ✓

Your answer is correct.

The correct answer is:


3

Question **15**

Correct

Mark 1.00 out of 1.00

The function can be called in the program by writing function name followed by ____.

- ☐ a. {}
- ☐ b. None of the mentioned
- ☒ c.  ✓
- ☐ d. []

The correct answer is: [◀ Functions](#)

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Started on Saturday, 1 June 2024, 9:57 PM

State Finished

Completed on Saturday, 1 June 2024, 10:09 PM

Time taken 12 mins 48 secs

Grade 11.00 out of 15.00 (73.33%)

Question **1**

Correct

Mark 1.00 out of 1.00

In _____ checks the elements of a [list](#), one at a time, without skipping any element.

- ☒ a. Linear search ✓
- ☐ b. Hash search
- ☐ c. Both (1) & (3)
- ☐ d. Binary search

Your answer is correct.

The correct answer is:

Linear search

Question **2**

Incorrect

Mark 0.00 out of 1.00

Which of the following is not the required condition for a binary search algorithm?

- ☐ a. The [list](#) must be sorted
- ☐ b. There should be direct access to the middle element in any sublist
- ☒ c. Number values should only be present ✗
Number values should only be present
- ☐ d. There must be a mechanism to delete and/or insert elements in the [list](#)

Your answer is incorrect.

The correct answer is:

There must be a mechanism to delete and/or insert elements in the [list](#)

Question **3**

Correct

Mark 1.00 out of 1.00

Finding the location of a given item in a collection of items is called

- ☒ a. [Searching](#) ✓
- ☐ b. Discovering
- ☐ c. Mining
- ☐ d. Finding

Your answer is correct.

The correct answer is:

[Searching](#)

Question **4**

Correct

Mark 1.00 out of 1.00

Given an array $arr = \{45, 77, 89, 90, 94, 99, 100\}$ and $key = 100$; What are the mid values (corresponding array elements) generated in the first and second iterations?

- ☐ a. 90 and 100
- ☐ b. 94 and 99
- ☐ c. 89 and 94
- ☒ d. 90 and 99 ✓

Your answer is correct.

The correct answer is:

90 and 99

Question **5**

Correct

Mark 1.00 out of 1.00

Given an array `arr = {45,77,89,90,94,99,100}` and `key = 99`; what are the mid values(corresponding array elements) in the first and second levels of recursion?

- ☐ a. 89 and 94
- ☐ b. 90 and 94
- ☐ c. 89 and 99
- ☒ d. 90 and 99 ✓

Your answer is correct.

The correct answer is:
90 and 99

Question **6**

Correct

Mark 1.00 out of 1.00

The average case occurs in the linear search algorithm

- ☐ a. Item is the last element in the array or item is not there at all
- ☒ b. When the item is somewhere in the middle of the array ✓
- ☐ c. When the item is the last element in the array
- ☐ d. When the item is not the array at all

Your answer is correct.

The correct answer is:
When the item is somewhere in the middle of the array

Question 7

Incorrect

Mark 0.00 out of 1.00

Two-way merge sort algorithm is used to sort the following elements in ascending order.
200,470,150,80,90,40,400,300,120,70

What is the order of these elements after second pass of the merge sort algorithm?

- ☐ a. 80,150,200,470,40,90,300,400,70,120
- ☐ b. 40,70,80,90,120,150,200,300,400,470
- ☒ c. 200,470,80,150,40,90,300,400,70,120 ✖
- ☐ d. 40,80,90,150,200,300,400,470,70,120

Your answer is incorrect.

The correct answer is:

80,150,200,470,40,90,300,400,70,120

Question 8

Correct

Mark 1.00 out of 1.00

_____is putting an element in the appropriate place in a sorted [list](#) yields a larger sorted order [list](#).

- ☐ a. Extraction
- ☐ b. Distribution
- ☒ c. Insertion ✔
- ☐ d. Selection

Your answer is correct.

The correct answer is:

Insertion

Question **9**

Incorrect

Mark 0.00 out of 1.00

What is mean by stable [sorting](#) algorithm?

- ☐ a. A [sorting](#) algorithm is stable if it preserves the order of duplicate keys
- ☐ b. A [sorting](#) algorithm is stable if it doesn't preserve the order of duplicate keys
- ☐ c. A [sorting](#) algorithm is stable if it preserves the order of non-duplicate keys
- ☒ d. A [sorting](#) algorithm is stable if it preserves the order of all keys ✖

Your answer is incorrect.

The correct answer is:

A [sorting](#) algorithm is stable if it preserves the order of duplicate keys

Question **10**

Correct

Mark 1.00 out of 1.00

_____ sort is the simplest [sorting](#) algorithm that works by repeatedly swapping the adjacent elements in case they are unordered in n-1 passes.

- ☒ a. Bubble ✔
- ☐ b. Insertion
- ☐ c. Complexity
- ☐ d. Selection

Your answer is correct.

The correct answer is: Bubble

Question **11**

Correct

Mark 1.00 out of 1.00

_____ explain how an algorithm will perform when the input grows larger.

- ☐ a. [Searching](#)
- ☐ b. [Sorting](#)
- ☐ c. Merging
- ☒ d. Complexity ✓

Your answer is correct.

The correct answer is:
Complexity

Question **12**

Correct

Mark 1.00 out of 1.00

The process of placing or rearranging a collection of elements into a particular order is known as

- ☐ a. [Searching](#)
- ☒ b. [Sorting](#) ✓
- ☐ c. Merging
- ☐ d. Rearranging

Your answer is correct.

The correct answer is: [Sorting](#)

Question **13**

Incorrect

Mark 0.00 out of 1.00

Very slow way of [sorting](#) is_____

- ☒ a. Bubble sort ✖
- ☐ b. Quick sort
- ☐ c. Insertion sort
- ☐ d. Heap sort

Your answer is incorrect.

The correct answer is:

Insertion sort

Question **14**

Correct

Mark 1.00 out of 1.00

Algorithm design technique used in merge sort algorithm is

- ☒ a. Divide and conquer ✔
- ☐ b. Dynamic programming
- ☐ c. Backtracking
- ☐ d. Greedy method

Your answer is correct.

The correct answer is:

Divide and conquer

Question **15**

Correct

Mark 1.00 out of 1.00

Which of the following is not a limitation of binary search algorithm?

- ☐ a. Must use a sorted array
- ☒ b. Binary search algorithm is not efficient when the data elements more than 1500 ✓
- ☐ c. Requirement of sorted array is expensive when a lot of insertion and deletions are needed
- ☐ d. There must be a mechanism to access middle element directly

Your answer is correct.

The correct answer is:

Binary search algorithm is not efficient when the data elements more than 1500

◀ Searching

Jump to...

Week10_Coding ▶

