Python-PrepTerm
Quiz

Code:	MT2020106

1. Which of the following environment variable for Python is an alternative module search path?

   1. PYTHONPATH
   2. PYTHONSTARTUP
   3. PYTHONCASEOK
   4. PYTHONHOME

2. How to create a frame in Python?

   1. Frame = new.window()
   2. Frame = frame.new()
   3. Frame = Frame()
   4. Frame = window.new()

3. What is the output of the following code?

   eval("1 + 3 * 2")

   1. 1+6
   2. 4∗2
   3. 1+3∗2
   4. 7

4. Which of the following statements are correct about the given code snippet?

```python
class A:
    def _init_(self, i = 0):
        self.i = i

class B(A):
    def _init_(self, j = 0):
        self.j = j

def main():
    b = B()
    print(b.i)
    print(b.j)

main()
```

1. Class B inherits A, but the data field 'i' in A is not inherited.
2. Class B inherits A, thus automatically inherits all data fields in A.
3. When you create an object of B, you have to pass an argument such as B(5).
4. The data field 'j' cannot be accessed by object b.

5. Which of the following function convert a string to a float in python?

   1. **int**(x [, base])
   2. **long**(x [,base])
   3. **float**(x)
   4. **str**(x)

6. What is the following function gives the total length of the list?

   1. **cmp**(**list**)
   2. **len**(**list**)
   3. **max**(**list**)
   4. **min**(**list**)

7. What will be the output of the below given code?

```
colors = ["white", "Black", "Grey"]
x = "Red" not in colors
```

   1. Yes
   2. No
   3. Error: not in not defined
   4. True

8. Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.

   1. Syntax error
   2. Runtime error
   3. Logical error
   4. All of the above

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

   print(**type**(1/2))

   1. <**class** 'float'>
   2. <**class** 'int'>
   3. NameError: '1/2'**is not** defined.
   4. 0.5

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

```
for i in ['t', 'n', 'i ', 'o', 'p'][::-1]:
    print(i)
```

1. t n i o p
2. p o i n t
3. t n i o p 1 0 −1
4. p o i n t 1 0 −1

11. What is the following function reverses objects of list in place?

    1. **list** . reverse ()
    2. **list** . sort ([func])
    3. **list** .pop(obj=**list**[−1])
    4. **list** .remove(obj)

12. What is the output for:

    ```
    'you are doing well'[2:999]
    ```

    1. 'you are doing well'
    2. ' '
    3. Index error.
    4. 'u are doing well'

13. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?

    1. **
    2. //
    3. **is**
    4. **not in**

14. What is the following function returns item from the list with max value?

    1. **cmp(list)**
    2. **len(list)**
    3. **max(list)**
    4. **min(list)**

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

    ```
    try:
        if '1' != 1:
            raise "someError"
        else:
            print("someError has not occurred")
    except "someError":
        print ("someError has occurred")
    ```

1. someError has occurred
2. someError has **not** occurred
3. invalid code
4. none of the mentioned

16. Essential thing to create a window screen using tkinter Python?

    1. call tk() function
    2. create a button
    3. To define a geometry
    4. All of the above

17. Which of the following function sets the integer starting value used in generating random numbers?

    1. choice(seq)
    2. randrange ([start ,] stop [, step])
    3. random()
    4. seed ([x])

18. When is the finally block executed?

    1. when there is no exception
    2. when there is an exception
    3. only if some condition that has been specified is satisfied
    4. always

19. Using the pack manager, how you can you put the components in a container in the same row?

    1. Component.pack(side= ''LEFT'')
    2. Component.pack(''Left '')
    3. Component.pack(side=LEFT)
    4. Component.pack(Left−side)

20. What should be given in range of the given below code to print nothing in output?

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

    1. 0.1
    2. 0
    3. NULL
    4. 1