



Chettinad

College of Engineering & Technology

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Department of Computer Science & Engineering

GE 8151 PROBLEM SOLVING AND PYTHON PROGRAMMING

Unit-2

Question Bank

1. Which one of the following has the same precedence level?

- A. Multiplication and addition
- B. Division and Subtraction
- C. Addition and Subtraction**

Answer: (C)

2. What is the output for the following code?

- A. 6.5
- B. 7**
- C. 6

Answer: (B)

3. Which one of the following has the highest precedence in the expression?

- A. -
- B. +
- C. ***

Answer: (C)

4. Which one of the following has the lowest precedence in the expression?

- A. +**
- B. //
- C. **

Answer: (A)

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

A. Indentation

B. Brackets

C. Parenthesis

Answer (A)

6. Which of the following is an input statement in python language?

A. print()

B. input()

C. get()

Answer (B)

7. What is the output for the code type ("Hello")

A. float

B. str

C. int

Answer (B)

8. What is the output for the code type (3.0)

A. str

B. int

C. float

Answer (C)

9. Identify the correct representation for complex numbers in python?

A. (4, 3j)

B. 4+3i

C. 4+3j

Answer (C)

10. What is the output for the code int (8.99)

A. 8.5

B. 9

C. 8

Answer (C)

11. What is the output for the code type ("123")

A. float

B. int

C. str

Answer (C)

12. Which of the following functions is a built-in function in python language?

A. expo()

B. add()

C. sqrt()

Answer (C)

13. What is the output for the code a="hello" print (a [0:3])

A. llo

B. hell

C. hel

Answer (C)

14. Select the floor division operator

A. /

B. //

C. %

Answer (B)

15. What is the answer to this expression 19%5?

A. 3.9

B. 4

C. 3

Answer (B)

16. In which order, Operators with the same precedence are evaluated?

A. Any Random order

B. Right to Left

C. Left to Right

Answer (C)

17. What is the output of this expression $2*1**3$?

A. 3

B. 1

C. 2

Answer (C)

18. The expression `float(x)` implies that the variable `x` is converted to float.

A. False

B. True

Answer (B)

19. Identify the mutable data type in python.

A. string

B. tuple

C. list

Answer (C)

20. Identify the immutable data type in python.

A. Both the mentioned

B. tuple

C. string

Answer (A)

21. What data type is the object `L= [1,"RAM", 20,"ECE"]`

A. Tuple

B. List

C. Dictionary

Answer (B)

22. What data type is used in order to store values in terms of key and value?

A. Dictionary

B. List

C. Tuple

Answer (A)

23. A function is a block of code which runs only when it is called.

A. False

B. True

Answer (B)

24. A file containing a set of functions in python is called as

A. Functions

B. Python File

C. Module

Answer (C)

25. What is the output for the following code?

A. 6.0

B. 25.0

C. 5.0

Answer (C)