

RGM COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Subject: Python Programming **Class:** II B.Tech. I Sem. (R20)

Branch: Computer Science & Engineering (B & C) **AY:** 2021-2022

Note: Multiple Questions on basics of Python Programming. Answer with proper explanation.

1. Is Python case sensitive when dealing with identifiers?
 - a) Yes
 - b) No
 - c) Machine dependent
 - d) None of the mentioned
2. What is the maximum possible length of an identifier?
 - a) 31 characters
 - b) 63 characters
 - c) 79 characters
 - d) None of the mentioned
3. Which of the following is invalid?
 - a) `_a = 1`
 - b) `__a = 1`
 - c) `__str__ = 1`
 - d) None of the mentioned
4. Which of the following is an invalid variable?
 - a) `my_string_1`
 - b) `1st_string`
 - c) `foo`
 - d) `_`
5. Which of the following is not a keyword?
 - a) `eval`
 - b) `assert`
 - c) `nonlocal`
 - d) `pass`
6. All keywords in Python are specified in _____ letters.
 - a) lower case
 - b) UPPER CASE
 - c) Capitalized
 - d) None of the mentioned
7. Which is the correct operator for power(x,y)?
 - a) `X^y`
 - b) `X**y`
 - c) `X^^y`
 - d) None of the mentioned
8. Which one of the following is floor division operator?
 - a) `/`
 - b) `//`
 - c) `%`
 - d) None of the mentioned

9. What is the order of precedence in python?

- i) Parentheses
- ii) Exponential
- iii) Multiplication
- iv) Division
- v) Addition
- vi) Subtraction

- a) i,ii,iii,iv,v,vi
- b) ii,i,iii,iv,v,vi
- c) ii,i,iv,iii,v,vi
- d) i,ii,iii,iv,vi,v

10. What is the answer to this expression, $22 \% 3$ is?

- a) 7
- b) 1
- c) 0
- d) 5

11. What is the output of this expression, $3*1**3$?

- a) 27
- b) 9
- c) 3
- d) 1

12. The expression `int(x)` implies that the variable x is converted to integer.

- a) True
- b) False