

■ Practice Set – Beginners (Python Basics)

Section A: Very Short Answer

- 1. Who is the inventor of Python and in which year was it first released?
- 2. Write one reason why Python is easy to learn.
- 3. Write the shortcut key to run Python code in your editor.
- 4. What is the output of:
`print('Hello\nWorld')`

Section B: Code Writing

- 5. Write a Python program to print your name and your university name.
- 6. Write single-line and multi-line comments in Python about yourself.
- 7. Write a program to print the type of the following values: 12, '45', 3.14

Section C: Type Conversion

- 8. Convert the string '100' into an integer and float, then print both.
- 9. What will be the output of:
`a = 20 b = '5' print(a + int(b))`

Section D: Operators

- 10. Write a Python program to perform: Addition, subtraction, multiplication, division, and modulus of two numbers.
- 11. If `z = 10`, update it using `z += 7` and print the result.
- 12. Write a program that checks whether 15 is greater than 20 or not.
- 13. Predict the output:
`x = 5 y = 3 print(x > y) print(x == y) print(x < y)`