

ASSIGNMENT

SUBJECT-ARTIFICIAL INTELLIGENCE

CHAPTER- BASIC PYTHON

**Q 1:- Multiple Choice Questions**

**1. When it comes to identifiers, is Python case sensitive?**

- a. No    b. Yes    c. Machine dependent    d. None of the mentioned

**2. Which of the following is the valid Python file extension?**

- a. .python    b. .pl    c. .py    d. .p

**3. Python is written in which language?**

- a. English    b. PHP    c. C    d. All of the above

**4. What are the two methods for using a Python shell?**

- a. Interaction Mode, Sub Mode    b. Interactive Mode, Script Mode  
c. Shell Mode, Python Mode    d. None of the above

**5. You can add a program in \_\_\_\_\_ in Interactive Mode.**

- a. Multiple Line    b. Single Line    c. Two Line    d. None of the above

**6. An identifier cannot start with a \_\_\_\_\_.**

- a. Numbers    b. Character    c. Underscore    d. None of the above

**Q2:- Short Question Answers**

1. What is Implicit Type Conversion?
2. What do you mean by Script Mode in Python Shell?
3. What is Data Type in Python?

**Q 3:- Case Study based Question**

What will be the output of the following code snippet?

```
print(2**3 + (5 + 6)**(1 + 1))
```

- a. 129    b. 8    c. 121    d. None of the above.