

Python 1st IA (23-24)

Question Bank

- 1) Explain concatenation and replication with example.
- 2) Solve the following Expression:- $(5-1)*((7+1)/(3-1))$
Note:- Expression or Values may change in IA.
- 3) Explain the various comparison operators with examples.
- 4) Explain the various flow control statements (if, else, elif, while, break, continue, for loop and range()) with examples.
- 5) What are function? Explain def statement with parameters.
- 6) Explain Return Values and Return statements.
- 7) Explain Local and Global Scope with different scenarios and examples.
- 8) Explain Exception handling in python along with example.
- 9) What is list? Explain the concept of list indexing and Slicing with examples.
- 10) Explain in and not in operators for list, strings, dictionaries, with examples.
- 11) Explain Mutable and Immutable Data Types with examples.
- 12) Explain different list methods in Python with examples.
- 13) Explain tuple data types with examples.
- 14) Explain dictionary data types with examples.
- 15) Explain Keys(), Values(), items(), get(), setdefault() in dictionaries.
- 16) Explain various String methods (upper(), lower(), and various isX string methods) with examples.
- 17) NOTE:- (Lab Programs 1-4) will be included in IA