

TEST: BASIC PYTHON PROGRAMMING

Time: 2 Hours Total Marks: 50

SECTION A – Definitions (20 Marks)

Attempt ALL questions. Each question carries 4 marks.

1. Python kya hai? Python language ke do major uses likhein.
2. Function ki definition likhein aur Python mein function ka faida batayein.
3. Local scope kya hota hai? Ek simple example ke sath explain karein.
4. Global scope kya hota hai? `global` keyword kyun use hota hai?
5. Function mein `return` statement ka purpose kya hota hai?

SECTION B – MCQs (10 Marks)

Attempt ALL questions. Each MCQ carries 1 mark.

1. Python mein function define karne ke liye kaunsa keyword use hota hai?
a) function b) define c) def d) fun
2. Function ke andar banne wali variable kis scope mein hoti hai?
a) Global b) Local c) Universal d) Static
3. Python mein indentation ka matlab kya hai?
a) Comment b) Error c) Proper spacing d) Output
4. Global variable ko function ke andar modify karne ke liye kaunsa keyword use hota hai?
a) public b) static c) global d) access
5. Function call ka sahi syntax kaunsa hai?
a) call greet b) greet[] c) greet() d) call()
6. `print()` function ka kaam kya hai?
a) Input lena b) Variable banana c) Output show karna d) Function end karna
7. Python mein comment likhne ka symbol kya hai?
a) // b) /* */ c) # d) ¡!– –¡

8. Kaunsa data type text store karta hai?
a) int b) float c) string d) boolean
9. Function ke andar `return` ka matlab kya hota hai?
a) Function stop b) Value wapas dena c) Error dena d) Loop chalana
10. Python file ka extension kya hota hai?
a) .pt b) .java c) .py d) .html

SECTION C – Practical Work (20 Marks)

Attempt ALL questions.

Q16. Function Writing (10 Marks)

- a) Ek function `add_numbers()` banayein jo do numbers add kare aur result return kare. **(5 marks)**
- b) Function ko call karein aur output print karein. **(5 marks)**

Q17. Scope Based Question (10 Marks)

- a) Ek global variable `score = 50` banayein. **(3 marks)**
- b) Ek function `update_score()` banayein jo `global` keyword use karke score ko 10 se increase kare. **(4 marks)**
- c) Function call karke updated score print karein. **(3 marks)**

— END OF PAPER —