

2025-2026

CERTIFICATE IN PROFESSIONAL SKILLS EXAMINATION

Short Term Batch – II, 2025

**Computer Programming (PYTHON)
(CPCPP-101)****Maximum Marks: 50****Duration: 2:00 Hours**

Note: The medium of examination is English only (Except for those taught in various language departments). Attempt all the questions.

Q 1. What will be the output of the following Python statements? [2x5=10]

i)

```
fruits = ["apple", "banana", "cherry"]
print("List of fruits:")
for fruit in fruits:
    print("*", fruit)
```

ii)

```
a = True
b = False
c = False
    if not a or b:
        print (1)
    elif not a or not b and c:
        print (2)
    elif not a or b or not b and a:
        print (3)
    else:
        print (4)
```

iii)

```
s = "Python"
    print(s[1:4])
```

iv)

```
print(len([10, 20, 30]))
```

v)

```
i = 1
while i <= 3:
    print(i)
    i += 1
```

Q 2. Answer any FIVE of the following: [3x5=15]

- i) What are variables and data types? Explain the built-in data types in Python.
- ii) Name the different types of operators in Python and explain arithmetic operators.
- iii) What is Object-Oriented Programming System (OOPS)? List any four features of OOPS.
- iv) What is a widget? Name any four GUI widgets.
- v) What is an array? Explain the dimensions and attributes of an array with examples.
- vi) Explain the salient features of Python.