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RAN-2003000205030029

T.Y.B.Sc. (Electronics) (Sem. V) Examination October - 2023

Python Programming and Computer Interface (GE)

Paper : GE/IDS

सूचना : / Instructions

(१)

नीचे दशाविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y.B.Sc. (Electronics) (Sem. V)

Name of the Subject :

Python Programming and Computer Interface (GE)
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Subject Code No.: 2003000205030029

Seat No.:

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Student's Signature

- (2) Figures on the right indicates full marks.
- (3) All symbols and abbreviations have their usual meaning.
- (4) Non-programmable calculators are allowed.
- (5) Q. 1 is compulsory.

Q.1 Write Very Short Answers:

[08]

1. What will the expression $5 + 3 * 2$ print? Modify it $5 + 3 * 2$ to print 16.
2. How to get Terminal window on LINUX desktop?
3. What is the output of the following code

```
>> s = "hello World"  
>> print s[0]  
>> print s[1]  
>> print s[-1]
```
4. Explain the Python 'raw_input' function.

**Q.2 A. What is a high level language? What is interpreter?
Discuss its advantages.**

[08]

B. Discuss the LINUX command terminal.

[06]

OR

- Q. 2** A Discuss the Python Arithmetic Operators giving suitable examples also discuss its precedence. [08]
B Write a program to compute the area of a triangle given its radius. [06]

- Q. 3** A Discuss the methods of input from keyboard giving suitable example [08]
B Write a Python program to print the multiplication table of 5. [06]

OR

- Q. 3** A Discuss the Python relation operators. [08]
B myList = [10, 12, 33, 54, 85] [06]
(a) slice it to remove last two elements.
(b) slice it to remove first two elements.

- Q. 4 Write Short Notes: ANY TWO** [14]
1. UBUNTU LINUX
2. Phoenix library
3. Python 'for' loop
4. Operators in Python and its precedence
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