

Intro. to prog with python

DURATION: - 2½ hrs

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MARKS:- 75

- Note: - (1) All questions are compulsory.
(2) All questions carry equal marks.
(3) Figures to the right indicates full marks

- Q.1) **Attempt (Any 4)** 20M
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|----|---|-------|
| 1) | Explain the features of python | CO2-U |
| 2) | Explain compound data types | CO2-U |
| 3) | Explain the for loop statement in detail | CO4-U |
| 4) | List out the conditional construct with example | CO2-R |
| 5) | Explain input function with example. | CO5-U |
| 6) | Write a short note on set. | CO1-R |
- Q.2) **Attempt (Any 4)** 20M
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|----|---|-------|
| 1) | Explain the different types of operators in Python. | CO2-U |
| 2) | What is Array? Explain indexing and slicing of arrays. | CO3-R |
| 3) | Explain the operators in python. | CO3-U |
| 4) | How to call a function? | CO2-R |
| 5) | What is built-in function? Explain. | CO4-R |
| 6) | What is the difference between actual arguments and formal arguments? | CO1-R |
- Q.3) **Attempt (Any 4)** 20M
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|----|---|-------|
| 1) | What is module? Why we need module? | CO3-R |
| 2) | How to access the names and functions from the module. | CO2-R |
| 3) | How to execute module as a script? | CO1-R |
| 4) | How to create the string and initialize the string? | CO2-R |
| 5) | Explain the tuple function with example. | CO3-U |
| 6) | Write a python program to get the largest number from a list. | CO5-U |
- Q.4) **Attempt (Any 5)** 15M
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|----|---|-------|
| 1) | Write a program to get the smallest number from a list. | CO1-A |
| 2) | How to import from the package? | CO3-R |
| 3) | What is mean by user defined function? | CO2-R |
| 4) | Explain basic slicing. | CO2-R |
| 5) | Explain while loop with example. | CO4-U |
| 6) | Explain garbage collection in python. | CO3-U |
