

Reg. No:

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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech IV Year II Semester Supplementary Examinations May-2022

PYTHON PROGRAMMING

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

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|---|---|---|----|----|
| 1 | a | Illustrate the history of Python. | L3 | 6M |
| | b | List out the features and applications of Python. | L1 | 6M |

OR

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|---|---|--|----|----|
| 2 | a | Write a Python program to find maximum among three numbers. | L3 | 6M |
| | b | Develop a Python program to Swapping of two numbers with and without using temporary variable. | L1 | 6M |

UNIT-II

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|---|---|---|----|----|
| 3 | a | Summarize Control flow structures in python with example. | L5 | 6M |
| | b | What is Set? List out the Set Operations in detail. | L2 | 6M |

OR

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| 4 | a | Describe the string in slicing with example. | L4 | 6M |
| | b | Write a Python program to modify an item in the Dictionary. | L3 | 6M |

UNIT-III

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|---|---|--|----|----|
| 5 | a | Create recursive function to find factorial of a number. | L6 | 6M |
| | b | Illustrate lambda function with example. | L4 | 6M |

OR

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| 6 | a | Discuss about keyword arguments with example. | L2 | 6M |
| | b | Distinguish global and local variables with example. | L4 | 6M |

UNIT-IV

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|---|---|---|----|----|
| 7 | a | What is a Raising Exception with an example? | L1 | 6M |
| | b | Elaborate User defined Exception with an example. | L1 | 6M |

OR

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| 8 | a | Illustrate searching with example program. | L4 | 6M |
| | b | Illustrate matching with example program. | L4 | 6M |

UNIT-V

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|---|---|--|----|----|
| 9 | a | Discuss about Internet access in python. | L3 | 6M |
| | b | Discuss about Multi-Threading with suitable example. | L3 | 6M |

OR

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| 10 | a | Illustrate about Python Runtime Services. | L4 | 6M |
| | b | Illustrate about Command line arguments. | L4 | 6M |

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