

DAYANANDA SAGAR COLLEGE OF ENGINEERING

Date: 7/4/2018

Marks: 50

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| 1. Explain the following (i)Null hypothesis (ii)Alternative hypothesis (iii)Type I and type II error (iv)Level of significance (v)Standard error | 10 | 3 | 2 |
| 2. Explain microprocessor based personal computer system with the block diagram | 8 | 6 | 2 |
| 3. Explain Real mode memory addressing. | 12 | 1 | 1 |
| 4. Explain different areas of memory system with diagram | 12 | 6 | 4 |
| 5. Write and explain the sequence of system calls for copying a file to another (new) file | 8 | 5 | 2 |

CO	Statement
1	Use the core python scripting concepts like control statements, string manipulation functions and the built-in data structures like list and dictionary.
2	Be able to design, code and test small python programs that make use of functions.
3	Demonstrate usage of file handling and pattern matching using regular expressions.
4	Build GUI for applications using python libraries.
5	Demonstrate MySQL database connectivity using python scripting.
6	Apply the knowledge of python and use the language scripting elements and constructs, data structures, and repository of standard library, to develop real world applications.