| Name: <br> Enrolment No: |  |  |  |
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| Course Progra Course <br> Instruc | $\quad$ End Semester Examination, May 2023 Applied Statistical Analysis : B.Tech CSE H \& NH Code: CSBA3016P ons: All questions are Compulsory | ester: 6 <br> : 03 hrs <br> x. Marks: |  |
| $\begin{gathered} \text { SECTION A } \\ \text { (5Qx4M=20Marks) } \\ \hline \end{gathered}$ |  |  |  |
| S. No. |  | Marks | CO |
| Q1. | Explain the research process methodology. | 4 | CO1 |
| Q2. | Create a box plot for the following dataset that shows the height of ten plants: | 4 | CO1 |
| Q3. | A personal computer has the length of time between charges of the battery is normally distributed with a mean of 66 hours and a standard deviation of 20 hours. Find the probability when the length of time will be between 58 and 75 hours. | 4 | CO 2 |
| Q4. | Find the t-test value for the following two sets of values: 7, 2, 9, 8 and 1 , $2,3,4$ ? | 4 | CO 2 |




|  |  | 86 | 64 | 100 | 250 |  |  |  |
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