**INDEX**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **TOPIC** | **PAGE NO.** | **SIGNATURE** |
|  | Using Binomial Distribution function in excel. | 1-3 |  |
|  | Using Beta Distribution function in excel. | 4-5 |  |
|  | Compute Descriptive Statistics | 6-10 |  |
|  | Compute Data Visualization | 11-13 |  |
|  | Compute Skewness and Kurtosis | 14-15 |  |
|  | Compute Descriptive Analysis | 16-18 |  |
|  | Perform single sample t-test. | 19-20 |  |
|  | Perform single sample t-test. | 21-22 |  |
|  | Perform two sample t-test | 23-25 |  |
|  | Perform two sample t-test | 26-29 |  |
|  | Perform paired two sample t-test | 30-31 |  |
|  | Perform ANNOVA Single Factor | 32-34 |  |
|  | Perform ANNOVA Single Factor | 35-37 |  |
|  | Compute correlation and perform regression analysis. | 38-39 |  |
|  | Compute correlation and perform regression analysis. | 40-43 |  |
|  | Generate random sample and compute ANNOVA Single Factor. | 44-46 |  |
|  | Using VLOOKUP function | 47-48 |  |
|  | Using COUNTIF function | 49-50 |  |
|  | Using COUNTIFS function | 51-52 |  |
|  | Using IF function | 53-54 |  |
|  | Performing Conditional Formatting | 55-56 |  |
|  | Using IF and IFS function. | 57-58 |  |
|  | Construction of Pivot Table | 59-60 |  |
|  | Using COUNTIFS function | 61-62 |  |
|  | Using DATEDIFF function | 63-64 |  |
|  | Performing linear and non-linear problem using SOLVER. | 65-67 |  |
|  | Performing non-linear problem without constraints using SOLVER. | 68-70 |  |
|  | Performing non-linear problem with constraints using SOLVER. | 71-74 |  |
|  | Creation of database and use of ‘count’, ‘top 10’ function in SQL. | 75-77 |  |
|  | Using ‘from’, ‘where’, ‘group’ function in SQL. | 78-80 |  |
|  | Using ‘left join’ function in SQL. | 81-82 |  |
|  | Using ‘count’, ‘from’, ‘where’ ‘sum’ function in SQL. | 83-87 |  |