Set-1

Answer the following:

1(a)Define Data.

(b) Define Qualitative Data.

(c) Write the types of Qualitative Data.

(d) List two methods of Data Collection tools.

(e) What is an Open Ended Questionnaire.

|  |  |
| --- | --- |
| Q.No | Question |
| 2. | In Microsoft Excel sheet, draw the relative frequency distribution  table for the given data.  Or  Generate 50 random data sample (even and odd number data set)  using Microsoft excel spread sheet and determine the range and  quartiles. |
| 3. | Write a python program to find whether the number is odd or even. |

Note scheme:

Short Answer 5×2=10

Observation 15+15=30

Conduction 10+10=20

Output and Interpretation of result 10+10=20

Viva-voce :20

Total :100

Set-2

Answer the following:

1(a)Define Data.

(b) Define Qualitative Data.

(c) Write the types of Qualitative Data.

(d) List two methods of Data Collection tools.

(e) What is an Open Ended Questionnaire.

|  |  |
| --- | --- |
| Q.No | Question |
| 2. | In Microsoft Excel sheet, draw the relative frequency distribution  table for the given data. Select the dataset yourself for minimum  50 data.  Or  Using Microsoft excel spread sheet, plot a pie chart for the data  collected from 50 people (for example conduct a survey on the smokers with respect their ages in your locality).Explain pie chart  with minimum 30 words. |
| 3. | Write a python program to find the sum of 10 natural number and  run or print the result. |

Note scheme:

Short Answer 5×2=10

Observation 15+15=30

Conduction 10+10=20

Output and Interpretation of result 10+10=20

Viva-voce :20

Total :100

Set-3

Answer the following:

1(a)Define Data.

(b) Define Qualitative Data.

(c) Write the types of Qualitative Data.

(d) List two methods of Data Collection tools.

(e) What is an Open Ended Questionnaire.

|  |  |
| --- | --- |
| Q.No | Question |
| 2. | In Microsoft Excel spread sheet to find Mean, Mode and Median  For given also represent in histogram.  Or  In Microsoft Excel spread sheet draw a line graph for the given  Data. Pocket expenses of 206 student in a school. |
| 3. | Write a python program to find the variance and standard deviation given data. |

Note scheme:

Short Answer 5×2=10

Observation 15+15=30

Conduction 10+10=20

Output and Interpretation of result 10+10=20

Viva-voce :20

Total :100

Set-4

Answer the following:

1(a)Define Data.

(b) Define Qualitative Data.

(c) Write the types of Qualitative Data.

(d) List two methods of Data Collection tools.

(e) What is an Open Ended Questionnaire.

|  |  |
| --- | --- |
| Q.No | Question |
| 2. | In Microsoft Excel spread sheet, plot bar graph for the data collected from 50 people for example conduct a survey on favorite fruit of a person in your locality(restricting to 5 to 6 fruits). Explain bar graph with minimum 30 words.  Or  Using Microsoft excel spread sheet, draw frequency polygon and frequency curve for the data collected from 50 peoples(for example marks obtained by the student in your class in 5 subject  In previous examination).Explain your observation from the graph in minimum 30 words. |
| 3. | Write a python program to add 2 integer and 2 string and run or print the result. |

Note scheme:

Short Answer 5×2=10

Observation 15+15=30

Conduction 10+10=20

Output and Interpretation of result 10+10=20

Viva-voce :20

Total :100

Set-5

Answer the following:

1(a)Define Data.

(b) Define Qualitative Data.

(c) Write the types of Qualitative Data.

(d) List two methods of Data Collection tools.

(e) What is an Open Ended Questionnaire.

|  |  |
| --- | --- |
| Q.No | Question |
| 2. | In Microsoft Excel spread sheet construct a leaf plot for the given dataset.Explain the graph with minimum 30 words.  Or  Using Microsoft excel spread sheet construct a box plot for the given data set ,for example dataset can be number of passangers  In a flat at different tince in a day.  . |
| 3. | Write a python program to display students marks from the record. |

Note scheme:

Short Answer 5×2=10

Observation 15+15=30

Conduction 10+10=20

Output and Interpretation of result 10+10=20

Viva-voce :20

Total :100