**I. Choose the right answer. [5]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **algorithm** |  **project manager** | **looks** | **motions** | **designer** |

1. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is responsible for how a program looks and feels.
2. The “point towards” block is in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ group.
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ assigns task, tells each member of the team what they must do.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a step-by-step procedure to solve any problem.
5. “Set size to” block is in \_\_\_\_\_\_\_\_\_\_\_\_\_group.

 **II. State whether the statements are true or false. [5]**

1. Microsoft Word is an example of spreadsheet software.
2. A computer engineer knows how hardware functions with

the software.

1. Testers are optional when creating a final program.
2. It is difficult to search for data in a database.
3. The best chart to represent data that is collected at regular

 points is a line chart.

**III. Match the following. [5]**

|  |  |
| --- | --- |
| 11. Discrete Data | a. Line Chart |
| 12. Databases | b. Pie chart |
| 13. Spreadsheet | c. Data is organized in a structured way |
| 14. Categorial Data | d. Bar chart |
| 15. Continuous Data | e. To create a questionnaire |

 IV. Answer the following. [10]

 14. List the tools that can be used when carrying out a data study. [2]

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 15. Classify the type of data? [3]

 a. This is the data that can be counted and has a limited number of values.

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 b. This data can take any value. Height, weight, temperature and length are all examples.

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c. Data which represents the groups.

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16. Write an algorithm for the following scratch program? [5]



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