**JAIPURIA INSTITUTE OF MANAGEMENT, INDORE**

**PGDM**

**FIRST TRIMESTER (Batch 2019-21)**

**END TERM EXAMINATION, SEPTEMBER-2019**

|  |  |  |  |
| --- | --- | --- | --- |
| Course Name | **Data Analysis Using Spreadsheet (DAS)** | Course Code | **IT 101** |
| Max. Time | **2 hours** | Max. Marks | **40** |

**Question 1** : Enter the data given below into a worksheet. **(10 Marks)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** | **E** |
| **1** | **Stationery Supplies Ltd** |  |  |  |  |
| **2** |  |  |  |  |  |
| **3** | **Date** | **SalesPerson** | **Item** | **Receipt No** | **Amount** |
| **4** | 21-Nov | Carl | Toys | 1238 | 1,782.10 |
| **5** | 26-Nov | Susan | Stationery | 1255 | 4,853.55 |
| **6** | 26-Nov | Carl | Toys | 1395 | 51.35 |
| **8** | 21-Nov | John | Cards | 1141 | 91.15 |
| **9** | 27-Nov | Susan | Books | 1982 | 442.60 |
| **10** | 21-Nov | John | Toys | 1885 | 561.50 |
| **11** | 26-Nov | John | Toys | 1875 | 62.75 |
| **12** | 22-Nov | Susan | Books | 1032 | 234.50 |
| **13** | 26-Nov | Judy | Sports goods | 1920 | 472.60 |
| **15** | 25-Nov | Mary | Toys | 1774 | 364.15 |
| **17** | 22-Nov | Susan | Electronics | 1160 | 52.95 |
| **18** | 23-Nov | Mary | Cards | 1075 | 81.60 |
| **19** | 23-Nov | Susan | Others | 1745 | 132.95 |
| **20** | 24-Nov | Judy | Sports goods | 1662 | 2,580.10 |
| **21** |  |  |  | **Grand Total** |  |
| **22** | **Susan’s Average** |  |  |  |  |
| **23** | **Judy’s Average** |  |  |  |  |
| **24** | **John’s Average** |  |  |  |  |
| **25** | **Mary’s Average** |  |  |  |  |
| **26** | **Total Value of Good sold on 24th November** |  |  |  |  |
| **27** | **Total Value of Good sold from 23rd to 25th November** |  |  |  |  |

* 1. Calculate the average sale during the duration for each salesperson using AVERAGEIF, put the formula only in marked cells  **(4 Marks)**

(ii). Using VLOOKUP find the amount of goods sold on 24th November **(3 Marks)**

(iii). Use SUMIFs to find total sales done from 23rd to 25th Nov **(3 Marks)**

**Question 2 :** Refer dataset 1 to answer following questions **(5 X 4 =20 Marks)**

* 1. Create a Pivot table and calculate total units sold of Pen in East region.
  2. How much total cost earned by Smith in central region.
  3. Create a pie chart for total quantity sold by all representative in East region. Also add data labels in chart.
  4. Create a bar chart for item sold in each month of 2018 in east region.