**JAIPURIA INSTITUTE OF MANAGEMENT, INDORE**

**PGDM**

**FIRST TRIMESTER (Batch 2020-22)**

**Set-A**

**END TERM EXAMINATION IMPROVEMENT, DEC-2020**

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| Course Name | **Data Analysis using Spreadsheets** | Course Code | **IT101** |
| Max. Time | **2 hours** | Max. Marks | **40** |

**INSTRUCTIONS:**

All the questions are compulsory.

Please save the file with Full Name and Section (FirstNameLastname\_Section)

All the questions are based on one file (Data.xlsx)

**Questions.1**

a) Find out the total sales of office supplies and compare it with furniture sales. **2.5 marks**

b) If profit is more than 100 give discount of 5% otherwise give discount of 2.5**% (create separate column of discount).**  **5 marks**

c) Sort the data as per the increasing order of the target sales. **2.5 marks**

**Questions.2**

Q2 a) As we have to find out how business is doing we have to find out the average order quantity of Art sub category and paper sub category and mention which sub category is performing better in terms of average quantity. **5 marks**

b) It is better to take decision on various states, for this we need to get graphical representation of target sales of various categories. **(Use Excel File Data). 2.5 marks**

c) Highlight all the product name whose sales are more than 50. **2.5 marks**

**Questions.3**

a) We have to grade categories on the basis target sales. (create separate column Grade)

a.) target sales more than 2000: D Grade

b.) target sales more than 5000: C Grade

c.) target sales more than 7000: B Grade

d) target sales more than 8000: A Grade

**Note: Use appropriate function 5 marks**

b) Generate information of profit of sub-categories in various categories. **2.5 marks**

c) Calculate some taxes which needs to pay which is 10% flat of their sales. **2.5 marks**

**Questions.4**

1. Generate users on the basis of various categories. (create separate column for users).

**5 marks**

1. Explain graphically the performance of various categories and sub-categories on the basis of sales and target sales**. (Use Pivot tables). 2.5 marks**
2. Filter out all the Epson Printer, White of Office Supplies with sales less than 5 and target

sales more than 5000. **(Use Filters option). 2.5 marks**