**QUESTION 2**

1. **DATA VALIDATION**

This is a process of making sure that a particular range does not exceed a certain parameter. It limits the data that can be contained in a cell or range of cells.

1. **BIG DATA**

Big data refers to the large, vase sets of information that grows at ever increasing rate. It encompasses the volume of information, The velocity at which it is created and collected and the variety of the scope of the data point being covered known as the of big data. It refers to large and complex datasets from various sources.

1. **DATA CONSOLIDATION**

Data consolidation is the process of joining data from multiple sources, cleaning and verifying it and removing errors and storing it in a single location such as data warehouse or database

1. **DATA MODELLING**

Data modelling is a process used to visualize and understand the structure of information and its deployment involving three stages or types; conceptual, logical or physical. It is a well-informed blue print for constructing databases.

Data modelling is defining the structure for your database. It is art and kind of the science of framing data in a manner that makes sense but it can also be easily manipulated and analyzed.

1. **FUNCTIONS IN EXCEL**

These are formulars used to carry out analytical work easily. There are many formulas in excel that have their specific functions.

1. **DATA WRANGLING/CLEANING**

Data wrangling is the transfer of data from one type to another to make it more appropriate for an application. It involves processing the data in various formats like merging, grouping, concatenating etc. for the purpose of analyzing or getting them ready to be used with another set of data. It further includes data aggregation, data visualization and training statistical models for predictions.

1. **CONDITIONAL FORMATTING**

Conditional formatting is basically just a way to see patterns and trends in data. It is a tool that gives us the opportunity to change how data looks in the spreadsheet. It formats the data in the spreadsheet based upon conditions. It is found on the home tab, home ribbon in the styles and groups.