

Answer 1:-

- A. Power BI Desktop:- It is free for all desktop application
- B. Power BI Mobile:-It is the mobile application to view power BI reports.
- C. Power BI Service:- It is the online version which enables the user to collaborate and publish reports to all the stakeholders.The only drawback is that Power BI Service can only be accessed with a work email.Personal e-mail addresses are not accepted.
- D. Power BI Pro:- It is the paid version which enables the user to use additional visuals and more storage.

Answer 2:-

- Excel is used to organize data, transform it and perform mathematical operations and calculations. On the other hand, Power BI was conceived as a business intelligence and data visualization tool for businesses.
- Excel has limitations in the amount of data it can work with. In contrast, Power BI can handle much larger amounts of data.
- Power BI can connect to a large number of data sources, while Excel's connectivity capacity is limited. Also, unlike Excel, Power BI can be easily used from mobile devices.
- Power BI has faster processing than Excel.
- Power BI dashboards are more visually appealing, interactive and customizable than those in Excel.
- Power BI is a more powerful tool than Excel in terms of comparison between tables, reports or data files.
- Power BI is more user friendly and easy to use than Excel.

Answer 3:-

- Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations.

Answer 4:-

- Microsoft Power Map for Excel is a three-dimensional (3-D) data visualization tool that lets you look at information in new ways. A power map lets you discover insights you might not see in traditional two-dimensional (2-D) tables and charts.