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| **SESSION** | **MARCH 2024** |
| **PROGRAM** | **MASTER OF ARTS IN JOURNALISM AND MASS COMMUNICATION(MAJMC)** |
| **SEMESTER** | **III** |
| **COURSE CODE & NAME** | **DMJ8152 – DATA JOURNALISM** |
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**Set – 1**

**1. Analyze the concept of data by defining its types and differentiating it from big data.**

**Ans 1.**

**Analyzing the Concept of Data**

Data refers to raw facts, figures, and symbols that are collected through observation, measurement, or research. It is unprocessed and lacks context, meaning, or interpretation. Data can be numerical, such as sales figures or temperatures, or non-numerical, like names or dates. Essentially, data is the foundational element used to derive information and knowledge.

**Types of Data**

Data can be categorized into several types, each serving different purposes and applications.

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**2. Discuss the role and significance of diverse datasets utilized by governments and accessible to journalists. Explore the methods and implications of accessing data through legislative measures like the Right to Information Act, 2005.**

**Ans 2.**

**The Role and Significance of Diverse Datasets Utilized by Governments**

Governments collect and manage vast amounts of data to inform policy decisions, improve public services, and ensure transparency and accountability. These datasets are invaluable resources for journalists, who use them to investigate, report, and provide insights into various aspects of public life. Understanding the role and significance of these diverse datasets is crucial for comprehending how data journalism contributes to informed citizenry and democratic processes.

**Types of Government Datasets**

Government datasets can be broadly categorized into several types, each serving distinct

**3. Examine the essential tools and techniques employed in data journalism, focusing on analytical writing and data visualization methods.**

**Ans 3.**

**Essential Tools and Techniques in Data Journalism**

Data journalism involves using data to uncover, report, and communicate stories. This field combines traditional journalistic skills with data analysis and visualization techniques to produce compelling and informative reports. Understanding the essential tools and techniques employed in data journalism is crucial for effectively analyzing and presenting data-driven stories.

**Analytical Writing in Data Journalism**

Analytical writing in data journalism focuses on interpreting data and presenting it in a clear,

**Set – 2**

**1. Explain the importance of social science methods in investigative reporting.Analyze how these methods can be used to investigate data**

**Ans 1.**

**Importance of Social Science Methods in Investigative Reporting**

Social science methods play a critical role in investigative reporting, providing journalists with systematic approaches to uncovering, analyzing, and presenting information. These methods, rooted in disciplines such as sociology, psychology, and political science, enhance the depth and rigor of investigative journalism. By leveraging these techniques, journalists can produce more credible, insightful, and impactful reports.

**Systematic Data Collection**

One of the fundamental aspects of social science methods is the systematic collection of data.

story, making it more relatable and impactful for the audience.

**2. What is data journalism, and how does it differ from traditional journalism? Examine how data journalism's unique methodologies reveal stories that conventional journalistic approaches might overlook with example.**

**Ans 2.**

**Definition of Data Journalism**

Data journalism is a branch of journalism that focuses on the collection, analysis, and presentation of data to uncover, report, and communicate stories. It combines traditional journalistic skills with data analysis, statistical methods, and data visualization techniques. Data journalism seeks to provide a deeper understanding of complex issues through the rigorous analysis of data, enabling journalists to tell more accurate and detailed stories.

**Key Characteristics of Data Journalism**

**3. Compose a concise summary for each of the following:**

**a) Interactive Visualization**

**b) Ethics and Concernsin Data Journalism**

**Ans 3.**

**a. Summary of Interactive Visualization**

Interactive visualization is a powerful technique in data journalism that allows users to engage with data dynamically. Unlike static charts and graphs, interactive visualizations enable readers to explore data through features such as zooming, filtering, and clicking on elements to reveal more information. This method enhances the user's understanding by providing a hands-on experience with the data, making complex information more accessible and engaging.

Interactive visualizations are particularly useful for conveying large datasets or multi-faceted