1) How do multimedia differ from traditional media?

Ans: Multimedia differs from traditional forms of media in several key ways :-

- Content types :-
Multimedia combines text, images, audio, and video, while traditional media typically uses one type, like text. Multimedia provides a richer, more dynamic experience.

- Interactivity :-
Multimedia allows user interaction (e.g, clicks, scrolling), whereas traditional media is passive with no user control. This makes multimedia more engaging and customizable.

- Format :-
Multimedia is digital and accessible online (e.g apps, streaming), while traditional media is often analog (e.g; printed newspapers, radio). Digital formats make multimedia more flexible and accessible across devices.

- Distribution :-
Multimedia is available on-demand via the internet, while traditional media has fixed schedule or physical distribution. This gives multimedia an edge in reaching global audiences instantly.

2. How does using multimedia make communication and expression better compared to just using text or one type of media?

Ans → Multimedia enhances communication and expression by combining multiple formats, such as text, images, audio, video and animations, making it more engaging than using just one type of media. By using visuals and audio, it appeals to multiple senses, making the message more impactful and easier to understand.

For instance, in educational content, videos and infographics can help explain complex topics that would be difficult to convey using just text.

Moreover, multimedia allows for interactivity, which further enhances user engagement. For example, websites and apps enable users to click, scroll, or interact with content, creating a more personalized experience.

In conclusion, multimedia improves communication by making content more dynamic, engaging and accessible, thus reaching a wider audience and improving understanding.

3. Discuss the role of multimedia in education and learning. How does it facilitate understanding and engagement.

Ans- Multimedia enhances education by combining various forms of media like texts, images, audio, videos and animations, making learning more engaging and interactive. It helps in understanding complex topics in a simpler and more visual way, increasing student understanding.

It facilitates understanding and engagement in several ways:

- Clarifies Complex Concepts : Visuals, diagrams, and animations simply abstract ideas, helping student better understand topic.
- Improves Retention : Multimedia presents information in diverse formats, making it easier to remember
- Increases Engagement : Interactive elements such as quizzes, games, and virtual labs keep students actively involved, making learning fun and motivating.
- Accomodates Different learning Styles : Multimedia caters to various learning styles visual, auditory and practically, ensuring all students can get benefits.