

Multimedia Question Bank:

1. Definition of multimedia and interactive multimedia
2. Application of multimedia
3. Multimedia at public places?
4. Difference between multimedia presentation and conferencing
5. Hypertext and hypermedia multimedia in business and multimedia school
6. Differences bitmap and vector graphics
7. Cell and path animation
8. Audio file format and video file format
9. menu and navigation
10. principles of animation
11. animation techniques
12. importance of text in multimedia
13. Project define the golden rule
14. gif vs jpeg
15. Sound file formats
16. Discuss midi in detail
17. Difference between analogue display standards and digital display standards
18. Video recording and tape format
19. midi and digital audio?
20. What are the elements required to design multimedia projects?
21. what is the use of making instance of multimedia in multimedia projects?
22. Difference between hyperlink button and hotspot
23. Design structure of multimedia use of gui in multimedia projects
24. Explain the process of making multimedia
25. Define the roles and responsibilities of the members of the multimedia project
26. Difference between lossy and lossless compression technique
27. Explain the lossless compression technique in detail
28. How the lossless compression technique is better than lossy compression technique
29. Huffman coding problem generate a huffman tree Identify the unique code for each alphabet Calculate total number of bits required to transfer data over the network example of text message and write compression code
30. Short note on run-length compression technique
31. Explain lossy compression technique
32. Jpeg compression process
33. mpeg compression process

Extra Multimedia Question Bank

1. **Define Multimedia and briefly explain its classifications/components.**
2. Discuss in detail the components of multimedia.
3. Discuss in detail the elements that are used to design a multimedia project.
4. Explain the various devices needed for developing a multimedia application.
5. What are all the communication devices that are involved while developing multimedia project?
6. What are the input devices that are used to design the multimedia project? Explain any two.
7. Discuss in detail the applications of multimedia.
8. **What is CBT? Explain the use of multimedia in CBT?**
9. Explain Multimedia Presentation and Conferencing?
10. Explain the use of Multimedia in Public Place?
11. Explain the use of Multimedia on Web?
12. Explain the use of Multimedia in business?
13. **Explain the various stages of developing a multimedia project.**
14. List and define the skills in the multimedia skill set. Describe several ways of categorizing the skills. (Hint: skills related to project management, design, programming).
15. **Explain briefly the image file formats?**
16. **Explain in detail Bitmap images and Vector drawing Images?**
17. **Differentiate between Vector drawn objects and bitmaps?**
18. If the bitmap graphic is opened or pasted into a vector editor, does it automatically become a vector? Explain in detail.
19. What is autotracing? Explain the process of converting between bitmaps and drawn images.
20. **Explain in detail various principles of animation?**
21. **Explain in detail various animation types / techniques?**
22. Explain briefly the animation file formats.
23. Explain the importance of Text in Multimedia? Discuss different design factors with text.
24. Discuss various attributes of Text.
25. **Explain the following:**
 - a. **Kerning**
 - b. **Leading**
 - c. **Tracking**
 - d. **Difference between Serif and Sans Serif.**
26. What is Hypermedia? Explain in detail.
27. What is Hypertext? What is the difference between a normal text and hypertext? Explain in detail.
28. How is a Multimedia product tested?
29. Discuss briefly the various video standards.

30. Discuss briefly where multimedia advanced authoring tools are used.
31. Explain the Internet basics.
32. What are the Basic Authoring Tools, which are used to design a multimedia project?
33. Explain in detail about the audio side of multimedia.

❖ *Note: Must prepare the basic questions also with examples which are not included here.



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