

Answer all question:

1. What is multimedia
2. What is the key feature of multimedia?
3. Name 5 basic element of multimedia and briefly explain with the help of illustration.
4. Illustrate the process of Analog to digital conversion and vice versa of digital audio application
5. What is the application of hypertext and hypermedia? Give 2 example of each.
6. Define multimedia system
7. Describe 4 important characteristic of multimedia system.
8. Give example of basic multimedia system component. How does it differ than multimedia element?
9. Differentiate between linear and nonlinear multimedia system
10. Give 4 example of multimedia system field of common application.
 - a. For each field, briefly explain the application of the multimedia system applied.
 - b. For each system, explain the element involve and component used to develop the application.
 - c. Use an illustration of hardware diagram in your explanation
11. Briefly explain on the multimedia development workflow method of
 - a. Buy high and sell low
 - b. Save the best for last
12. What are the challenges to design multimedia for multiplatform smartphone Operating system?
13. Name two types/category of file compression algorithm approach. Explain each of it with example for each element of multimedia
14. What is the improvement of JPEG2000 compression to compare with JPEG?
15. Explain the development of MPEG codec improvement from MPEG-1 to MPEG-4
16. What is authoring tolls mean for multimedia element?
17. What are the authoring metaphors of multimedia presentation? Explain each of it.
18. List 8 important capabilities of authoring tools on multimedia element/application for multimedia systems should possess. Briefly elaborate each of it.