

First Question: choose the correct answer

1. What is multimedia?
 - a) A single form of media content.
 - b) Media that uses multiple forms of information content and processing.
 - c) Only electronic media.
 - d) Traditional fine art.
2. Which of the following is NOT a form of multimedia content?
 - a) Text
 - b) Audio
 - c) Video
 - d) None of the above
3. How can multimedia content be broadly categorized?
 - a) Linear and non-linear
 - b) Digital and analog
 - c) Text and visual
 - d) Audio and video

4. What is a characteristic of linear multimedia content?

- a) User control over the progression of the content
- b) Fixed sequence of content presentation
- c) Highly interactive nature
- d) Adaptable to user preferences

Second Question:

In the domain of digital image processing, what specific logical operator is required to transform a source image (A) into a target image (B), determine a defined transformation mask, and how does the logical operator work?



Image (A)



Image (B)

Darin Shafek

First Question: choose the correct answer

1. What is the purpose of sampling in image processing?
 - a) To reduce the size of an image.
 - b) To increase the color depth of an image.
 - c) To convert an analog image into a digital image.
 - d) To smooth the edges of an image.
2. What is quantization in image processing?
 - a) The process of reducing the size of an image.
 - b) The process of converting a continuous range of values into discrete values.
 - c) The process of adding noise to an image.
 - d) The process of sharpening the edges of an image.
3. How does the number of quantization levels affect the image quality?
 - a) More levels result in better image quality.
 - b) Fewer levels result in better image quality.
 - c) The number of levels has no effect on image quality.
 - d) More levels result in larger image size.
4. What is the range of pixel intensity values when 8 bits are used for each pixel?

- a) 0 to 127
- b) 0 to 255
- c) 0 to 511
- d) 0 to 1023

Second Question

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Image (A)



Image (B)

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