

CIT891

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1. The conversion of an analog signal into digital form is carried out using an electrical circuit known as a

Analog circuit

digital circuit

signal decoder

--->> signal encoder

2. Quantization technique is applied on

Correlated data

connected data

--->> decorrelated data

linked data

3. Data compression can be accomplished by applying one or more of these algorithms to multimedia data, except

--->> Walk length encoding

Run length encoding

Huffman coding

Predictive coding

4. The process of transforming information from one representation to another is known as

Transformation

--->> compression

depression

composition

5. The term luminance refers to

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--->> the brightness of a source

the gloom of a source

all of the options

6. The three main properties of a colour source that the eye makes use of are

Brightness, hue and visibility

brightness, visibility and saturation

--->> brightness, hue and saturation

Hue, visibility and saturation

7. Which of the following is not an advantage of Data compression?

It reduces the data storage requirements

--->> it reduces video quality

it reduces the communication cost

it enhances database performance

8. Which of these is not a model for color specifications?

RGB

HSV

YIQ

--->> DMM

9. Video simply means

--->> sequence of digitized picture

sequence of analysed picture

sequence of still picture

randomness of digitized picture

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Spatial distributions of values of luminance or sound

spatial distributions of values of luminance or gloom

Non-spatial distributions of values of luminance or color

--->> spatial distributions of values of luminance or color

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