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## Bài thi

### Question #dc6eae

3.0 points possible (ungraded, results hidden)

Huffman tree is constructed for the following alphabet {x1, x2, x3, x4, x5, x6} with corresponding probabilities {0.01, 0.04, 0.06, 0.12, 0.24, 0.53}, respectively. 101000100001 is decoded as

- ☒ x6 x5 x3 x2
- ☐ x6 x3 x4 x5
- ☐ x5 x3 x2 x5
- ☐ x4 x2 x4 x3

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### Question #91c53a

1.0 point possible (ungraded, results hidden)

Analog data with the highest harmonic at 50 kHz generated by a sensor has been digitized using 6 level PCM. Find the rate at which digital signal generated?

- ☒ 300 kbps
- ☐ 240 kbps
- ☐ 450 kbps
- ☐ 600 kbps

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### Question #b8e3aa

1.0 point possible (ungraded, results hidden)

Which of the following is NOT a valid IP address?

Which of the following statements is NOT true about ATM service categories?

- ☐ CBR supports real-time applications that require tightly constrained delay and jitter
- ☐ VBR class is divided into two sub classes, i.e., Real-time VBR and Non-real-time VBR
- ☒ ABR is a best effort service, which supports real-time applications
- ☐ UBR is a best effort service without any performance requirement

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Question #2b9853

1.0 point possible (ungraded, results hidden)

A real-time video performance lasts 10 min. If there is jitter in the system, the viewer spends \_\_\_\_\_ minutes watching the performance.

- ☐ less than 10
- ☐ exactly 10
- ☒ more than 10

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Question #54d909

1.0 point possible (ungraded, results hidden)

In H.323, gateway

- ☐ provides address translation and that controls access to the LAN for H.323 terminals, gateways, and MCUs.
- ☒ allows H.323 terminals to communicate with devices that are running other protocols
- ☐ controls and mixes video, audio, and data from endpoints to create a robust multimedia conference

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