

COM6115 L4

Number of participants: 125

1. Character encoding - Revision Choose all the correct answers:

20 correct answers
out of 88 respondents

- In UTF-32, characters are encoded in 4 bytes  68% 60 votes
- In UTF-16, characters are encoded in 16 bits.  50% 44 votes
- In UTF-8, characters are encoded in 1-4 bits.  51% 45 votes
- In UTF-16, texts with Latin-only characters are 4 times larger than UTF-8.  16% 14 votes
- In UTF-16, texts with Latin-only characters are 2 times larger than ASCII.  58% 51 votes
- UTF-32 contains surrogate pairs.  17% 15 votes

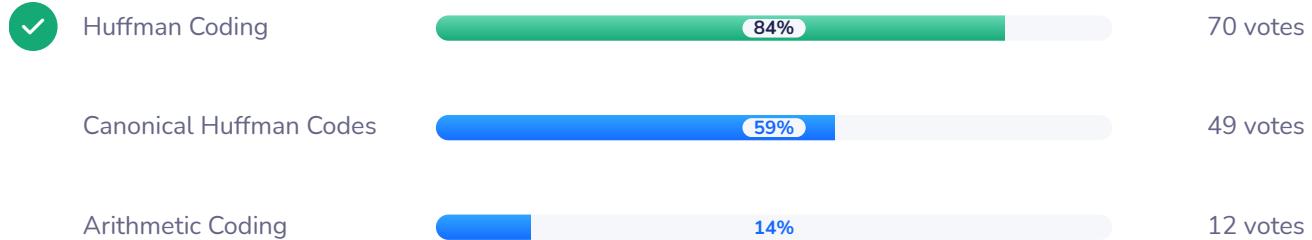
2. Text compression - Revision Entropy sets ... for compression.

51 correct answers
out of 78 respondents

- an upper bound  35% 27 votes
- a lower bound  65% 51 votes

 **Text Compression - Revision Which of the
3. following require a code tree for decompression?
(more than one may be correct)**

27 correct answers
out of 83 respondents



 **Text Compression - Revision Using Huffman
4. encoding and the given code tree, choose the
correct answers:**

31 correct answers
out of 72 respondents

