1. What is the name of the object used to tokenize sentences?   1 / 1 point

   ◯ TextTokenizer

   ◯ WordTokenizer

   ◯ CharacterTokenizer

   ⦿ Tokenizer

   ✓ Correct

2. What is the name of the method used to tokenize a list of sentences?   1 / 1 point

   ⦿ fit_on_texts(sentences)

   ◯ fit_to_text(sentences)

   ◯ tokenize(sentences)

   ◯ tokenize_on_text(sentences)

   ✓ Correct

3. Once you have the corpus tokenized, what's the method used to encode a list of sentences to use those tokens?   1 / 1 point

   ◯ texts_to_tokens(sentences)

   ⦿ texts_to_sequences(sentences)

   ◯ text_to_sequences(sentences)

   ◯ text_to_tokens(sentences)

   ✓ Correct

4. When initializing the tokenizer, how to you specify a token to use for unknown words?

1 / 1 point

- ⦿ oov_token=<Token>
- ◯ out_of_vocab=<Token>
- ◯ unknown_word=<Token>
- ◯ unknown_token=<Token>

✓ **Correct**

5. If you don't use a token for out of vocabulary words, what happens at encoding?

1 / 1 point

- ◯ The word isn't encoded, and the sequencing ends
- ◯ The word is replaced by the most common token
- ◯ The word isn't encoded, and is replaced by a zero in the sequence
- ⦿ The word isn't encoded, and is skipped in the sequence

✓ **Correct**

6. If you have a number of sequences of different lengths, how do you ensure that they are understood when fed into a neural network?

1 / 1 point

- ⦿ Use the pad_sequences object from the tensorflow.keras.preprocessing.sequence namespace
- ◯ Process them on the input layer of the Neural Netword using the pad_sequences property
- ◯ Make sure that they are all the same length using the pad_sequences method of the tokenizer
- ◯ Specify the input layer of the Neural Network to expect different sizes with dynamic_length

✓ **Correct**

7. If you have a number of sequences of different length, and call pad_sequences on them, what's the default result?

○ They'll get padded to the length of the longest sequence by adding zeros to the end of shorter ones

○ Nothing, they'll remain unchanged

○ They'll get cropped to the length of the shortest sequence

◉ They'll get padded to the length of the longest sequence by adding zeros to the beginning of shorter ones

✓ **Correct**

8. When padding sequences, if you want the padding to be at the end of the sequence, how do you do it?

○ Pass padding='after' to pad_sequences when initializing it

○ Call the padding method of the pad_sequences object, passing it 'post'

○ Call the padding method of the pad_sequences object, passing it 'after'

◉ Pass padding='post' to pad_sequences when initializing it

✓ **Correct**