**1.**

Question 1

What is the name of the object used to tokenize sentences?

1 point

TextTokenizer

CharacterTokenizer

Tokenizer

WordTokenizer

**2.**

Question 2

What is the name of the method used to tokenize a list of sentences?

1 point

tokenize\_on\_text(sentences)

tokenize(sentences)

fit\_to\_text(sentences)

fit\_on\_texts(sentences)

**3.**

Question 3

Once you have the corpus tokenized, what’s the method used to encode a list of sentences to use those tokens?

1 point

texts\_to\_sequences(sentences)

text\_to\_tokens(sentences)

texts\_to\_tokens(sentences)

text\_to\_sequences(sentences)

**4.**

Question 4

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

1 point

oov\_token=<Token>

unknown\_token=<Token>

unknown\_word=<Token>

out\_of\_vocab=<Token>

**5.**

Question 5

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

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 skipped in the sequence

The word isn’t encoded, and is replaced by a zero in the sequence

**6.**

Question 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 point

Process them on the input layer of the Neural Network using the pad\_sequences property

Specify the input layer of the Neural Network to expect different sizes with dynamic\_length

Make sure that they are all the same length using the pad\_sequences method of the tokenizer

Use the pad\_sequences function from the tensorflow.keras.preprocessing.sequence namespace

**7.**

Question 7

If you have a number of sequences of different length, and call pad\_sequences on them, what’s the default result?

1 point

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

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 end of shorter ones

Nothing, they’ll remain unchanged

**8.**

Question 8

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

1 point

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

Pass padding=’after’ to pad\_sequences when initializing it