Started on	Wednesday, 29 January 2025, 12:02 PM
State	Finished
Completed on	Wednesday, 29 January 2025, 12:06 PM
Time taken	4 mins 26 secs
Marks	7.00/10.00
Grade	**70.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

What is the purpose of tokenization in this exercise?

- ○ a. Converting text into numeric format
- ○ b. Splitting the dataset into training and testing
- ○ c. Removing duplicates from the dataset
- ○ d. Compressing the dataset

Question 2

Complete

Mark 1.00 out of 1.00

What is the purpose of the training loop in model training?

- ○ a. To evaluate the model on test data
- ○ b. To initialize model parameters
- ○ c. To update weights and biases iteratively
- ○ d. To preprocess the dataset

Question 3

Complete

Mark 1.00 out of 1.00

What is the primary goal of building the LSTM model in this exercise?

- ○ a. Perform image classification
- ○ b. Translate text into multiple languages
- ○ c. Detect spam emails
- ○ d. Classify sentiment of text data as positive or negative

Question 4

Complete

Mark 0.00 out of 1.00

What is the purpose of converting NumPy arrays to tensors in PyTorch?

- a. To compress the dataset size
- ● b. To optimize the dataset for memory usage
- c. To enable efficient computation on GPUs
- d. To convert text into numbers

Question 5

Complete

Mark 1.00 out of 1.00

How is model performance evaluated?

- ● a. Using predictions on the test dataset
- b. Using accuracy metrics on the training dataset
- c. Using loss values on the validation dataset
- d. Using preprocessing functions

Question 6

Complete

Mark 1.00 out of 1.00

Which type of neural network is used in this exercise?

- ● a. Long Short-Term Memory (LSTM)
- b. Feedforward Neural Network
- c. Generative Adversarial Network (GAN)
- d. Convolutional Neural Network (CNN)

Question 7

Complete

Mark 1.00 out of 1.00

What does the Word2Vec model learn from tokenized sentences?

- a. Sentence embeddings
- ● b. Token embeddings based on context
- c. Fixed-length vectors
- d. Sentiment scores

Question 8

Complete

Mark 0.00 out of 1.00

Which step is performed after training the model?

- ⦿ a. Converting text into tensors
- ○ b. Initializing model parameters
- ○ c. Tokenization of input sentences
- ○ d. Model evaluation and testing

Question 9

Complete

Mark 0.00 out of 1.00

What is the first step in the preprocessing phase?

- ○ a. Load the dataset
- ⦿ b. Tokenization
- ○ c. Convert sentences into fixed-length vectors
- ○ d. Train Word2Vec on tokenized sentences

Question 10

Complete

Mark 1.00 out of 1.00

Which loss function is suitable for binary sentiment classification?

- ⦿ a. Binary Cross Entropy Loss
- ○ b. Mean Squared Error
- ○ c. Cross Entropy Loss
- ○ d. Hinge Loss