1. Out of the 11 words in *selected_words*, which one is most used in the reviews in the dataset? 1 point

- ○ awesome
- ○ love
- ○ hate
- ○ bad
- ◉ great

2. Out of the 11 words in *selected_words*, which one is least used in the reviews in the dataset? 1 point

- ◉ wow
- ○ amazing
- ○ terrible
- ○ awful
- ○ love

3. Out of the 11 words in *selected_words*, which one got the most positive weight in the *selected_words_model*? 1 point

(Tip: when printing the list of coefficients, make sure to use print_rows(rows=12) to print ALL coefficients.)

- ○ amazing
- ○ awesome
- ◉ love
- ○ fantastic
- ○ terrible

4. Out of the 11 words in *selected_words*, which one got the most negative weight in the *selected_words_model*? 1 point

(Tip: when printing the list of coefficients, make sure to use print_rows(rows=12) to print ALL coefficients.)

- ○ horrible
- ◉ terrible
- ○ awful
- ○ hate
- ○ love

5. Which of the following ranges contains the accuracy of the *selected_words_model* on the *test_data*? 1 point

- ○ 0.811 to 0.841
- ◉ 0.841 to 0.871
- ○ 0.871 to 0.901
- ○ 0.901 to 0.931

6. Which of the following ranges contains the accuracy of the *sentiment_model* in the IPython Notebook from lecture on the *test_data*? 1 point

- ○ 0.811 to 0.841
- ○ 0.841 to 0.871
- ○ 0.871 to 0.901
- ◉ 0.901 to 0.931

7. Which of the following ranges contains the accuracy of the majority class classifier, which simply predicts the majority class on the *test_data?* 1 point

- ◉ 0.811 to 0.843
- ○ 0.843 to 0.871
- ○ 0.871 to 0.901
- ○ 0.901 to 0.931

8. How do you compare the different learned models with the baseline approach where we are just predicting the majority class? 1 point

- ○ They all performed about the same.
- ○ The model learned using all words performed *much better* than the one using the only the *selected_words*. And, the model learned using the *selected_words* performed much better than just predicting the majority class.
- ◉ The model learned using all words performed much better than the other two. The other two approaches performed about the same.
- ○ Predicting the simply majority class performed much better than the other two models.

9. Which of the following ranges contains the *'predicted_sentiment'* for the most positive review for *'Baby Trend Diaper Champ',* according to the *sentiment_model* from the IPython Notebook from lecture? 1 point

- ○ Below 0.7
- ○ 0.7 to 0.8
- ○ 0.8 to 0.9
- ◉ 0.9 to 1.0

10. Consider the most positive review for *'Baby Trend Diaper Champ'* according to the *sentiment_model* from the IPython Notebook from lecture. Which of the following ranges contains the predicted_sentiment for this review, if we use the *selected_words_model* to analyze it? 1 point

- ○ Below 0.7
- ◉ 0.7 to 0.8
- ○ 0.8 to 0.9
- ○ 0.9 to 1.0

11. Why is the value of the *predicted_sentiment* for the most positive review found using the *sentiment_model* much more positive than the value predicted using the *selected_words_model*? 1 point

- ○ The *sentiment_model* is just too positive about everything.
- ○ The *selected_words_model* is just too negative about everything.
- ○ This review was positive, but used too many of the negative words in *selected_words*.
- ◉ None of the *selected_words* appeared in the text of this review.