1. All tensorflow codes execute under---EAGER EVALUATION---

2. Which of the following is not a way to regularize neural networks?
   ___EAGER EVALUATION____

3. Which of the following is not a example of Data augmentation__VECTORIZATION

4. _train loss=0.91,0.88,0.77, val loss=0.99,0.91,0.68—MAY NOT OVERFIT

5. In Sentimental analysis ,globalAveragePooling takes input from embedding layer and merge them into ___1_ dimensions

6. Non-trainable parameter for convolutional network-doubt

7. What is the no. of parameter in third hidden layer
8. Individual weight in cnn is represented by MATRIX

9. Which will not optimize hyperparameter optimization---OUTPUT DIMENTION

10. Eager evaluation does not wait for tf's directed acyclic graph to complete before executing TRUE

11. Loss function and __OPTIMIZER FUNCTION_____helps direct the neural network towards the right answer after every epoch

12. Adam optimizer can be summarized as rmsprop with_____MOMENTUM_____

13. Machine translation is an act of SPEECH TO TEXT

14. Difference cv based deep learning and image processing---IMAGE PROCESSING LEARNING LEARNS WEIGHTS ON CONTINUOUS IMAGE CHANNELS

15. Vocabulary size =20000 , an embedding layer has string of input size 256 words and output dimensions of 16. How many trainable parameters are generated at this layer— 3,20,000

16. Which probability based activation does sentiment analysis or binary image classifier—SIGMOID

17. Which is not essential requirement for deep learning CPU

18. Which of the following best represents trainable parameters generated by flatten layer—0

19. How is total cost of function calculated at the end of epoch in deep leaning---LOSS FUNCTION

20. Which of the following best represents trainable parameters generated by dense layer—INPUT*OUTPUT+OUTPUT

21. An individual dense layer's neuron calculates__as its output.Y=MX+C

22. Binary cross entropy utilizes___LOG LOSS__functions to calculate a value between 0 and 1

23. LSTM is an example of RNN

24. A directed acyclic graph executes immediately while eager evaluation waits for TFs graph to compute FALSE

25. Which of the following is a regularization layer? DROPOUT

26. Which of the following layer converts 2-d array into 1-d array? FLATTEN LAYER

27. Train_loss=0.99, val loos=0.65 indicates---OVERFITTING

28. Which of the following is partially connected?CONV2D

29. Softmax is used for_MULTICLASS CLASSIFICATION_

30. What are trainable parameters? WEIGHTS AND BAISE

31. Which of the following is not an optimizer function? SOFTMAX

32. Sequence-sequence mapping would use_LSTM

33. Which of below is not a hyperparameter? NON TRAINABLE PARAMETER// OUTPUT DIMENSION

34. Which of the following activation layer controls scales from -1 to +1?TANH

35. Which of the following probability based activation function does sentiment analysis (pos-neural-network) or multiclass classification model? SOFTMAX

36. Which layer does the below statement is most appropriate for? “Randomly, some inputs will be multiplies to 0, hence giving the output as 0”.DROUPOUT
37. Convolutions are different from Dense layers, as convolutions are fully connected, while dense layers are partially connected. FALSE

38. Sigmoid can be used for all of the below except _MULTICLASS___

39. Which of the following is an application of natural language processing? MACHINE TRANSLATION

40. Which of the following layer controls negative numbers? RELU

41. Which of the following will not regularize ---ACTIVATION FUNCTION

42. Embedding layer breaks the incoming words into _____