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Grade	20.00 out of 20.00 (100%)

Question 1

Correct

Mark 2.00 out of 2.00

Arrange the sentences to form a coherent paragraph

(a) We obtain the best performance of 93.32% F1-score with SVM on the test set.

(b)Fake news and rumors are rampant on social media. Believing in rumors can cause significant harm. This is further exacerbated at the time of a pandemic.

(c) We perform a binary classification task (real vs fake) and benchmark the annotated dataset with four machine learning baselines - Decision Tree, Logistic Regression, Gradient Boost, and Support Vector Machine (SVM).

(d)To tackle this, we curate and release a manually annotated dataset of 10,700 social media posts and articles of real and fake news on COVID-19.

- a.   cdba
- b.   bdac
- c.   abcd
- d.   bdca ✓

The correct answer is: bdca

Question 2

Correct

Mark 1.00 out of 1.00

Arrange the sentences to form a coherent paragraph

(a) The results in Table 1 indicate that the classifiers achieve reasonable accuracies for the main tasks.

(b) This provides an upper bound on the protected attribute leakage for the main tasks results.

(c) For the protected attributes, race is highly predictable (83.9%) while age and gender can also be recovered at above 64% accuracy.

(d) We begin by examining how well can we perform on each task (both main-tasks and protected attributes) when training the encoder and classifier directly on that task, without any adversarial component.

- a.   bacd
- b.   acbd
- c.   bcda
- d.   dbac ✓

The correct answer is: dbac

Question 3

Correct

Mark 1.00 out of 1.00

Fill in the blank with the appropriate verb

A unique system of feature extraction _____ to distinguish between `Anger', `Fear', `Happiness', `Sadness' and `Relaxation'.

- a.   c) has been used
- b.   a) has used
- c.   b) have used
- d.   d) have been used ✓

The correct answer is: d) have been used

Question 4

Correct

Mark 1.00 out of 1.00

Fill in the blank with the appropriate form of the verbs given

Features of vector beam such as its spatial degree of freedom and intensity-based measurements _____ in information encoding but often _____ a complex optical-setup.

- ⦿ a.   are useful, require ✓
- ○ b.   are useful, requires
- ○ c.   are useful, do require
- ○ d.   useful, do require

The correct answer is: are useful, require

Question 5

Correct

Mark 2.00 out of 2.00

Arrange the sentences to form a coherent paragraph

The Balanced section in Table 2 summarizes the validation-set accuracies.

(b) But is information about them being encoded when we train on the main tasks?

(c) When training directly for the protected attributes, we can recover them with relatively high accuracies.

(d) This experiment suggests an upper bound on the amount of leakage of protected attributes when we do not actively attempt to prevent it.

(e) In this set of experiments, we encode the training and validation sets using the encoder trained on the main task, and train the attacker network to predict the protected attributes based on these vectors.

- ○ a.   abcde
- ○ b.   bcdae
- ⦿ c.   cbeda ✓
- ○ d.   dbeac

The correct answer is: cbeda

Question 6

Correct

Mark 1.00 out of 1.00

Fill in the blanks with the appropriate verb

The change in male attitude ____ the most obvious in industry.

- a.   is ✓
- b.   have
- c.   are
- d.   were

The correct answer is: is

Question 7

Correct

Mark 1.00 out of 1.00

A pronoun is a word that names a person, place, thing, or idea.

- True
- False ✓

The correct answer is 'False'.

Question 6

Correct

Mark 1.00 out of 1.00

Question 8

Correct

Mark 2.00 out of 2.00

Arrange the sentneces to form a coherent paragraph

(a) However, predicting only the emotion and sentiment does not always convey complete information.

(b) In this paper, we propose a stacked ensemble method for predicting the degree of intensity for emotion and sentiment by combining the outputs obtained from several deep learning and classical feature-based models using a multi-layer perceptron network.

(c) Emotions and sentiments are subjective in nature. They differ on a case-to-case basis.

(d) We develop three deep learning models based on convolutional neural network, long short-term memory and gated recurrent unit and one classical supervised model based on support vector regression.

(e) The degree or level of emotions and sentiments often plays a crucial role in understanding the exact feeling within a single class (e.g., `good' versus `awesome').

- ○ a.   dceab
- ○ b.   abcde
- ● c.   caebd ✓
- ○ d.   abdce

The correct answer is: caebd

Question 9

Correct

Mark 1.00 out of 1.00

The present perfect continuous tense is used to describe actions that started in the past, continue into the present, and may continue into the future.

- ● True ✓
- ○ False

The correct answer is 'True'.

Question 10

Correct

Mark 1.00 out of 1.00

Choose the active voice sentence:

- a.   C) The cake is being baked by Mary.

- b.   D) The cake has been baked by Mary.

- c.   A) The cake was baked by Mary.

- d.   B) Mary baked the cake. ✓

The correct answer is: B) Mary baked the cake.

Question 11

Correct

Mark 1.00 out of 1.00

The passive voice emphasizes the action rather than the doer of the action in a sentence

- ○ True ✓
- ○ False

The correct answer is 'True'.

Question 12

Correct

Mark 1.00 out of 1.00

Choose the passive voice sentence:

- a.   The storm damaged the roof.

- b.   She sings beautifully.

- c.   Dinner is being cooked by the chef. ✓

- d.   The chef is cooking dinner.

The correct answer is: Dinner is being cooked by the chef.

Question 13

Correct

Mark 5.00 out of 5.00

MATCH THE FOLLOWING

Interrogative sentence	Asks question	✓
Present tense	Describes actions happening now or regularly.	✓
Adjective	A word that describes a noun or pronoun	✓
Subject	The person or thing that performs the action in a sentence	✓
Imperative Sentence	Gives a command, request, or instruction	✓

The correct answer is: Interrogative sentence → Asks question, Present tense → Describes actions happening now or regularly., Adjective → A word that describes a noun or pronoun, Subject → The person or thing that performs the action in a sentence, Imperative Sentence → Gives a command, request, or instruction

Question 13

Correct

Mark 5.00 out of 5.00