Weekly Quiz

Due on 2020-11-14, 23:59 IST.

The file below is submitted and the assignment has been passed. As per our records you have not submitted this assignment.

1) Which of the following statements is False?

- option A: Siam areniss in the Face Recognition applications
- option B: In an image, there are three face images: an image A in which face image B is positive and image C is negative. The correct solution of the Siam areniss is to construct a neural network Fx such that Fx(A) = Fx(B) + Fx(C)
- option C: If two faces are different, then the output of the neural network Fx(A) is different.
- option D: If two faces are similar, then the output of the neural network Fx(A) is similar.

Answer: option B

2) Consider the following convolutional architecture with 3x3 3x3 3x3 filters. Which of the following statements is true?

- option A: The filter sizes are 3x3
- option B: The filter sizes are 5x5
- option C: The filter sizes are 4x4
- option D: The filter sizes are 2x2

Answer: option A

3) Which of the following statements is False?

- option A: If two filters have size 3x3, then they are overlapping and the output size is 3x3. This means that overlapping filters are more sensitive to edge features.
- option B: In CNNs, the number of filters is always smaller than the number of input features.
- option C: Instead of using separate filters, a regularized network proposal function Fx (without ReLU) is used to combine the outputs of all filters.
- option D: Volume (volume) is computed during the propagation of error back through the network.

Answer: option B

4) Consider the following statement: "F (y1, y2) = y1 + y2. Where y1 and y2 are hyper-parameters that are learned by the predictor. Which of the following can the predictor learn from the F(x) loss?

- option A: The classification task
- option B: The regression task
- option C: The hyper-parameters y1 and y2
- option D: None of the above

Answer: option C

5) Identify the following statements that are True:

- option A: 1 and 2
- option B: 1 and 3
- option C: Only 3
- option D: None of the above

Answer: option A

6) Which of the following statements is True:

- option A: 1 and 2
- option B: Only 2
- option C: Only 3
- option D: None of the above

Answer: option A

7) Identify the following statements that are False:

- option A: The overlapping objects of the same class are treated as a single block in the Region Segmentation
- option B: The size of the objects is larger than the intersection region, which is computed as the union region.
- option C: The ways of object detection is that, to make two-dimensional objects into a semantic segmentation results.
- option D: The expected results of Region Proposal Network is improved to detect the objects that are not correctly classified by the classifier.

Answer: option B

8) Which of the following statements is True:

- option A: 1 and 2
- option B: Only 2
- option C: Only 3
- option D: None of the above

Answer: option A

9) Identify the following statements that are False:

- option A: 1 and 2
- option B: 1 and 3
- option C: None of the above
- option D: 2 and 3

Answer: option C

10) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

11) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

12) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

13) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

14) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

15) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

16) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

17) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

18) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

19) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

20) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

21) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

22) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

23) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

24) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

25) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

26) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

27) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

28) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A

29) Identify the following statements that are True:

- option A: 1 and 2
- option B: Only 2
- option C: None of the above
- option D: 2 and 3

Answer: option A

30) Identify the following statements that are False:

- option A: 1 and 2
- option B: Only 3
- option C: None of the above
- option D: 2 and 3

Answer: option A