Computer Vision - Fall 2022

Started on Thursday, 1 December 2022, 4:43 PM	
State Finished	
Completed on Thursday, 1 December 2022, 4:53 PM Time taken 9 mins 29 secs	
Marks 7.00/15.00	
Grade 2.33 out of 5.00 (47%)	
The most efficient algorithm from the region-based object detection methods is	Question 1 Incorrect Mark 0.00 out of
⊚ a. Fast R-CNN ×	1.00 Flag question
○ b. Faster R-CNN	
O c. R-CNN	
O d. Fastest R-CNN	
Your answer is incorrect.	
The correct answer is:	
Faster R-CNN	
The parliact/aldest algorithm from the region, based object detection convenables is	Question 2 Correct
The earliest/oldest algorithm from the region-based object detection approaches is	Mark 1.00 out of
a Foot D CNN	1.00
a. Fast R-CNN b. Faster R-CNN	F Flag question
© c. R-CNN	
d. Fastest R-CNN	
U. Fastest N-ONY	
Your answer is correct.	
The correct answer is: R-CNN	
The advantage of using an encoder is to restore the information lost by the decoder to produce better segmentation masks.	Question 3 Incorrect Mark 0.00 out of
⊚ a. true ×	1.00
b. false	r riag question
D. Talse	
Your answer is incorrect	
Your answer is incorrect. The correct answer is:	
The correct answer is:	
The correct answer is:	
The correct answer is: false	Question 4
The correct answer is:	Correct
The correct answer is: false The normal CNN architecture used for image classification is also knows as	Correct Mark 1.00 out of 1.00
The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder	Correct Mark 1.00 out of
The correct answer is: false The normal CNN architecture used for image classification is also knows as	Correct Mark 1.00 out of 1.00
The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder b. encoder	Correct Mark 1.00 out of 1.00
The normal CNN architecture used for image classification is also knows as a. decoder b. encoder Your answer is correct.	Correct Mark 1.00 out of 1.00
The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder b. encoder	Correct Mark 1.00 out of 1.00
The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder b. encoder Your answer is correct. The correct answer is:	Correct Mark 1.00 out of 1.00
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The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder b. encoder Your answer is correct. The correct answer is: encoder	Correct Mark 1.00 out of 1.00 P Flag question Question 5 Correct Mark 1.00 out of
The correct answer is: false The normal CNN architecture used for image classification is also knows as a. decoder b. encoder Your answer is correct. The correct answer is: encoder	Correct Mark 1.00 out of 1.00 P Flag question Question 5 Correct

Quiz navigation

Show one page at a time

o c. image classification only	
Your answer is correct. The correct answer is: image segmentation	
The segmentation algorithm can be used to count the number of the segmented objects from each class in addition to producing their segmentation masks.	Question 6 Correct Mark 1.00 out of 1.00 F Flag question
b. semantic	
Your answer is correct. The correct answer is: instance	
Because the regions of interest generated in the region proposal phase might have different sizes, they are first applied operation to resize them all with the same fixed size before sending them to CNNs in the later layers for classification and bounding box regression. a. warping b. convolution c. concatenation d. deconvolution	Question 7 Correct Mark 1.00 out of 1.00 F Flag question
Your answer is correct. The correct answer is: warping	
Which of the following segmentation algorithms is the combination of both sematic segmentation and instance segmentation?	Question 8 Incorrect Mark 0.00 out of
a. pyramid segmentationb. polynomial segmentation	1.00
c. paranoma segmentationd. panoptic segmentation	
Your answer is incorrect. The correct answer is: panoptic segmentation	
Your answer is incorrect. The correct answer is:	
Your answer is incorrect. The correct answer is:	Question 9 Correct Mark 1.00 out of
Your answer is incorrect. The correct answer is: panoptic segmentation	Correct
Your answer is incorrect. The correct answer is: panoptic segmentation Region proposals produce regions that have a high likelihood of having an object in them. a. false	Correct Mark 1.00 out of 1.00
Your answer is incorrect. The correct answer is: panoptic segmentation Region proposals produce regions that have a high likelihood of having an object in them. a. false b. true Your answer is correct. The correct answer is:	Correct Mark 1.00 out of 1.00
Your answer is incorrect. The correct answer is: panoptic segmentation Region proposals produce regions that have a high likelihood of having an object in them. a. false b. true Your answer is correct. The correct answer is:	Correct Mark 1.00 out of 1.00 F Flag question Question 10 Incorrect
Your answer is incorrect. The correct answer is: panoptic segmentation Region proposals produce regions that have a high likelihood of having an object in them. a. false b. true Your answer is correct. The correct answer is: true	Correct Mark 1.00 out of 1.00 Falag question Question 10

Your answer is incorrect. The correct answer is: Fastest R-CNN	
Region-based object detection algorithms are usually faster than single-shot algorithms. a. true b. false	Question 11 Incorrect Mark 0.00 out of 1.00 F Flag question
Your answer is incorrect. The correct answer is: false	
Non-maximum suppression is used to discard the extra/additional bounding boxes generated by the algorithms and to retain the ones that are nearest to the ground truth box. a. true b. false	Question 12 Correct Mark 1.00 out of 1.00 Falag question
Your answer is correct. The correct answer is: true	
Which of the following methods uses a deep learning-based technique to find the regions of interest instead of using the conventional computer vision algorithm? a. R-CNN b. Fast R-CNN c. Fastest R-CNN d. Faster R-CNN	Question 13 Incorrect Mark 0.00 out of 1.00 Flag question
Your answer is incorrect. The correct answer is: Faster R-CNN	
Object detection is a task that performs a. classification and grouping of pixels b. classification and localization c. classification only d. localization only	Question 14 Not answered Marked out of 1.00 F Flag question
Your answer is incorrect. The correct answer is: classification and localization	
Single-shot object detection algorithms, like SSD and YOLO, are generally less accurate than region-based methods, like the ones from the R-CNN family.	Question 15 Not answered Marked out of 1.00 F Flag question
O b. false	

Your answer is incorrect.

Finish review