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## Lesson Quiz

Answer the following questions to test your knowledge of the concepts and techniques taught in this lesson.

**Note:** Some of the questions are based on the lab associated with this lesson , so make sure you have explored and run the lab.

### Question 1

1/1 point (graded)

Mask R-CNN is a new algorithm from 2017. Which of the following characteristics are **true** about this algorithm?

Choose all that apply

☒ It extends Faster R-CNN by adding a branch for predicting object masks in parallel with bounding box regression. ✓

☐ It extends Fast R-CNN by adding a branch for predicting object masks in parallel with bounding box regression.

☒ It is easy to train end-to-end ✓

☐ It adds significant additional computational overhead to its base network



### Explanation

Submit

You have used 1 of 1 attempt

❗ Answers are displayed within the problem

### Question 2

1/1 point (graded)

Panoptic Segmentation is an attempt at a reconciliation between "stuff" and "things". Which of the following statements are true?

Choose all that apply

- ☐ Panoptic Segmentation is a technique to perform dense pixel-labelling based on Semantic Segmentation alone.
- ☐ The Pixelwise Instance Segmentation architecture is not a panoptic segmenter, it is an instance segmenter.
- ☒ The UberNet architecture performs panoptic segmentation. ✓
- ☒ Panoptic Segmentation is not a technique, but a new name and metric to capture the performance of segmenting all classes including background in an interpretable and unified manner. ✓



### Explanation

Submit

You have used 1 of 1 attempt

**i** Answers are displayed within the problem

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