## **Computer Vision Admissions**

Question 1	<pre>fruits = ['apple', 'banana', 'cherry']  In the above code snippet, what is the index of 'banana' in the list fruits?  3     0     0     2     1</pre>	Time left: 39:55  QUESTIONS  1 2 3 4 5 6 7 8 9
Question 2	Select the appropriate performance metric for evaluating regression tasks in machine learning applications.  Jaccard Index Cross-Entropy Loss R-squared (Coefficient of Determination) True Positive Rate	
Question 3	<pre>ntry_currencies = {    'Nigeria': 'Naira',    'China': 'Yuan',    'India': 'Rupee' } new_currency = 'Yen' country_currencies['Japan'] = new_currency In the above code snippet, which of the following is a key?    'Naira'    new_currency    country_currencies</pre>	
Question 4	<ul> <li>'Nigeria'</li> <li>Which of the following is an example of a clustering problem in machine learning?</li> <li>Calculating the most efficient shipping route across Asia</li> <li>Assigning a risk category to a new loan application</li> <li>Categorizing regional dialects in India based on linguistic features</li> <li>Estimating the age of a person from their photograph</li> </ul>	
Question 5	Which of the following is the answerType syntax for defining a method in a Python class?   def method_name(parameters): outside a class	

	<ul> <li>def method_name(self, parameters): inside a class</li> <li>method_name(self, parameters): inside a class</li> </ul>
Question 6	In a Python function call, which of the following represents an
	argument?  Orectangle_area in rectangle_area(length, width)
	() in rectangle_area()
	length in rectangle_area(length, width)
	<pre>: in def rectangle_area():</pre>
Question 7	What distinguishes a <b>development set</b> from a <b>hold-out set</b> in <b>machine learning</b> methodologies?
	Oevelopment set is for training the initial model, while hold- out set is for ongoing development.
	A development set is used after the hold-out set to fine-tune the final model.
	A development set is for model refinement while a hold-out set evaluates the tuned model.
	Both sets are used iteratively throughout training to prevent overfitting.
Question 8	What describes overfitting in machine learning?
	Another name for highly accurate machine learning models
	Another name for highly accurate machine learning models     When a model does not fit the training data closely enough
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	When a model does not fit the training data closely enough      When a model follows training data too closely, capturing
	When a model does not fit the training data closely enough  When a model follows training data too closely, capturing noise instead of the underlying pattern
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SUBMIT



