Quizizz	NAME:
ML-1-F-3-Quiz-2-May-2021	CLASS :
	DATE:
5 Questions	

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5 0	Questions	
1.	Consider the following two layers Assume both layers share the weight image: 224 X 224Filter size: 2 X 2N 10Stride: 2Padding: 0Compute and Assume there is NO bias term. How parameters are there?	ghts.CONV - CONVInput umber of filters = umber of parameters.
	a) 40	□ b) 80
	c) 112	☐ d) None of above
2.	Consider the following two layers Assume both layers share the weight image: 224 X 224Filter size: 2 X 2N 10Stride: 2Padding: 0Compute and Assume there is NO bias term. Whactivation maps after the second I	ghts.CONV - CONVInput umber of filters = umber of parameters. at will be the size of
	a) 112 X 112 X 3	□ b) 56 X 56 X 3
	c) 56 X 56 X 10	□ d) 56 X 56
3.	Swati is training a CNN. She has 10 mini-batch size = 50. She optimize batch SGD. How many iterations vepoch.	s the network with mini-
	a) 50	☐ b) 1000

☐ c) 20 ☐ d) Can not be determined.

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4.	Let the number of weight updates for these varients of				
	Gradient Descent are as follows:Batch-SGD: n1Mini-batch				
	SGD: n2SGD: n3Which of the following is correct?				
	a) n3 < n2 < n1	☐ b) n1 < n2 < n3			
	c) n2 < n3 < n1	☐ d) n2 < n1 < n3			

5. Which of the following hyper-parameter needs to be chosen based on RAM of the system where your training the neural network?

a)	Learning rate	b)	batch size
,	O	,	

 \square c) Both learning rate and batch size \square d) None of these

Answer Key

1. a 3. c 5. b

2. c 4. b