Status	Finished
Started	Monday, 16 September 2024, 11:51 AM
	Monday, 16 September 2024, 12:01 PM
Duration	9 mins 58 secs
Grade	<b>6.00</b> out of 6.00 ( <b>100</b> %)
Question 1	
Correct	
Mark 1.00 out of 1.00	
A multi-layer deep	CNN processing black and white images requires multi-channel convolutions
True	
O False	
The correct answe	r is 'True'.
Question 2	
Correct	
Mark 1.00 out of 1.00	
	is a 2D image of size 5x5, and the convolution filter is of size 2x2 with stride 1 and no padding. ize of the output filter-map?

https://moodle.cmi.ac.in/mod/quiz/review.php?attempt=7619&cmid=18081

The correct answer is:

4x4

*		
Question 3		
Correct		
Mark 1.00 out of 1.00		
	at to a CNN is an image of size 10x10 with 5 channels, and you have apply a filter on the input of size 3x3.	
Then what is the	number of neurons required to produce the map for this filter?	
a. 9		
_ c. 16		
d. 100		
The correct answ	ver is:	
Question 4		
Correct		
Mark 1.00 out of 1.00		
	total number of parameters of all the neurons that produce the map for this filter? that the bias of any such neuron is set to 0, and is not considered a parameter.	
a. 64*9 = 5	.76	
■ b. 9		
d. 64		
The correct answ 45	ver is:	
Question <b>5</b>		
Correct		
Mark 1.00 out of 1.00		
Which one of the	following in true?	
Which one of the	Tollowing is true:	
a. Backprop	pogation Through Time can only be done for arbitrary length inputs.	
	pogation Through Time can only be done for limited length of time, otherwise the training process becomes , irrespective of the input length.	~

The correct answer is: Backpropogation Through Time can only be done for limited length of time, otherwise the training process becomes unstable, irrespective of the input length.

Question 6	
Correct	
Mark 1.00 out of 1.00	

Which is most suitable encoding method for processing text using an RNN?

- $\hfill \Box$  a. Words can be encoded as numbers of maximum value "vocabulary length"
- ${\color{red} {\mathbb Z}}$  b. Words can be encoded as 1-hot vectors of dimension "vocabulary length"  ${\color{red} \checkmark}$

The correct answer is:

Words can be encoded as 1-hot vectors of dimension "vocabulary length"