

## SASInstitute.A00-405.v2022-10-10.q20

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### NEW QUESTION: 1

Given these two addLayer action calls:

```
addLayer model='mymodel' name="fc1"
    layer=(type='fullconnect' n=20) srcLayers={"data"};
addLayer model='mymodel' name="fc2"
    layer=(type='fullconnect' n=50) srcLayers={"fc1"};
```

How many trainable parameters for layer fc2?

- A. 1050
- B. 1020
- C. 1000
- D. 70

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 2

Refer to the exhibit.

Exhibit A - Image

5	5	10	20	40	30	30	0	0	...
5	10	20	50	40	25	21	40	0	...
10	20	52	68	31	27	29	34	50	...
37	39	47	29	27	7	7	8	35	...
30	31	40	15	11	9	3	0	0	...
25	29	44	12	10	6	0	0	0	...
25	15	10	0	0	0	0	0	0	...
...	...	...	...	...	...	...	...	...	...

Exhibit B - Filter

0	0	0	0	0
0	0	0	0	1
0	0	0	1	0
0	0	1	0	0
0	1	0	0	0

The pixel intensity values for the top left corner of a 224x224 grey scale image are provided in Exhibit A. This image is provided as input to the convolutional filter (Exhibit B) with equal zero padding of size 2 on all sides. What is the first value in the feature map resulting from applying this filter (cross-correlation operation)?

- A. 186
- B. 97
- C. 0
- D. 10

Answer: A ([LEAVE A REPLY](#))

**NEW QUESTION: 3**

Refer to the exhibit.

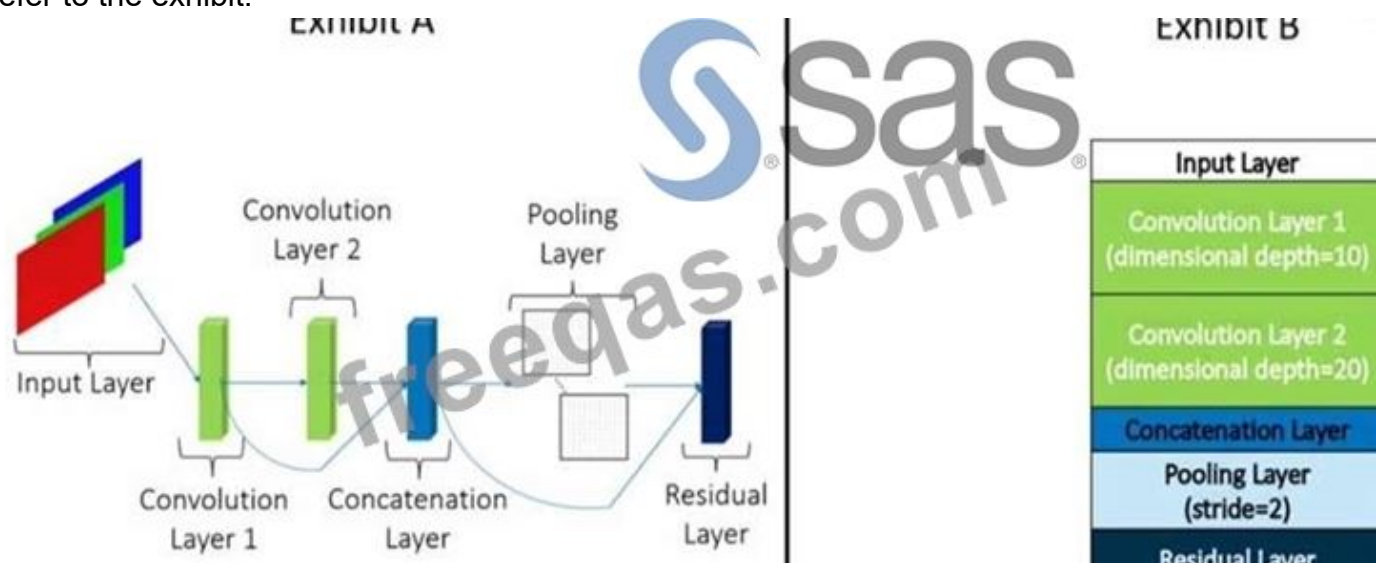


Exhibit A details the structure of a convolutional model. Exhibit B provides details of each layer in the model. The blue arrowed lines represent connections between layers. What is the depth of the residual layer depicted above?

- A. 15
- B. 30
- C. 45
- D. 60

**Answer: C ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 4**

Given the code to add a concatenation layer:

Assume the output dimensions (width\*depth):

\* source layer A 100\*100\*5

\* source layer B 100\*100\*5

\* source layer C 100\*100\*3

What is the correct dimension of the output of this concatenation layer?

- A. 300\*300\*5
- B. 100\*100\*13
- C. 300\*300\*13
- D. 100\*100\*18

**Answer: D ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 5**

Which document structures are NOT identifiable using LITI rules'?

- A. words
- B. pages
- C. paragraphs
- D. sentences

**Answer: B ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 6**

Assume you are using an addLayer call with dcoout=0.5 to add a pooling layer into a CNN model What is the outcome of the addLayer call?

- A. The values from half of the input neurons to the pooling layer are randomly set to zero
- B. The output feature map size is increased 2 times on width and height.
- C. The output feature map size is reduced by half on width and height
- D. The values from half of the output neurons of the pooling layer are randomly set to zero

**Answer: D ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 7**

Fill in the blanks in the code extracted from the source code download from a Category node.

Your goal is to categorize the documents in the my Score Tbl table which has been uploaded to the myCasUb library The text column Comments are identified by myKey, and the scoring output tables are to be saved in the same library as the score table

Enter your answer in the fields above.

**Answer:**

mycas; name\_of\_input\_data\_set; perform; Name of the column to process in the input data set

**NEW QUESTION: 8**

Consider the category rule:

Which statement is TRUE about a document that satisfies this rule?

- A. It contains the term "incursion" or any of the stemmed versions of "incursion "
- B. It satisfies a previously defined INCURSION category rule but overrides the primary Boolean operator in the original rule with the OR operator
- C. It exhibits one or more of the items used to define the INCURSION concept
- D. It exhibits the topic named INCURSION

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 9**

Which feature is enabled in the default settings of the Text Parsing Node?

- A. misspelling detection
- B. minimum number of documents
- C. start list
- D. synonym list

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 10**

You have a very large set of documents you are preparing for SAS Visual Text Analytics Which two actions should you perform during data preparation? (Choose two)

- A. Use CHAR data type for the Text variable with a long length
- B. Keep all the character variables in addition to the Text variable
- C. Sample the data first for subsequent interactive model development
- D. Have enough number of documents for each category label

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 11**

Which statements are TRUE regarding SAS Visual Text Analytics projects? (Choose two)

- A. After creating a project in SAS Visual Text Analytics users can run the project with a different data source
- B. Users can promote a SAS Visual Text Analytics 8 2 project to SAS Visual Text Analytics 8 3 project
- C. Users can include nodes from other Model Studio projects, including SAS Visual Forecasting and SAS Visual Data Mining and Machine B. Learning projects, in a SAS Visual Text Analytics pipeline
- D. A SAS Visual Text Analytics project created by one user cannot be accessed by another user

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 12**

Which statements are TRUE about importing SAS Contextual Analysis projects into SAS Visual Text Analytics when creating a new project? (Choose two)

- A. All machine generated topics and sentiment scores are imported
- B. All custom concept and some predefined concept settings are imported
- C. All custom categories are imported
- D. All sentiment classification and probability scores are imported

**Answer:** A,C ([LEAVE A REPLY](#))

**NEW QUESTION: 13**

What is the primary purpose of the Topics node?

- A. Supervised categorization
- B. Unsupervised categorization
- C. Document clustering
- D. Information retrieval

**Answer:** B ([LEAVE A REPLY](#))

**NEW QUESTION: 14**

Which node does not produce score code?

- A. Concepts
- B. Text Parsing
- C. Sentiment
- D. Topics

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 15**

Which option is the correct activation (unction for the output layer in a CNN model trained to classify an image belonging to one of the n classes (C1, C2, C3, , Cn)?

- A. ReLU
- B. Sigmoid
- C. TanH
- D. Softmax

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 16**

What is the minimum information required in an input data set prior to creating a SAS Visual Text Analytics project?

- A. A column of text and a document ID
- B. A column of text, a document ID and a categorical group variable

- C. A column of text and a categorical group variable
- D. A column of text

**Answer:** ([SHOW ANSWER](#))

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**NEW QUESTION: 17**

Which activation function should be used to obtain a single scalar with value in  $(-1,1)$

- A. TanH
- B. Logistic
- C. Softmax
- D. ReLU

**Answer:** A ([LEAVE A REPLY](#))

**NEW QUESTION: 18**

Refer to the Exhibit Tab:

An analyst is trying to find Aviation Safety Reports (ASR) related to taxiway and runway incursions

- \* She does not know the LITI language
- \* She finds that 3 of the 14 derived topics have keywords related to incursion incidents.
- \* She would like to examine documents that discuss incursions from the current ASR document collection Which strategy will best support the analyst's goals?

- A. Save the output data from the Topics results window and use the Explore and Visualize Data component of SAS Viya
- B. Use the Merge topics feature of the Topics node to combine the 3 topics, add the merged topic as a category, and then use the Categories node to categorize documents with respect to the category rules derived using the merged topic Examine the matched documents for the incursion category rule.
- C. Use the Concepts node to define an INCURSION concept then include this concept in a category rule in the Categories node to identify documents having the INCURSION concept
- D. Add each of the 3 individual topics as categories then create a category rule in the Categories node that combines the three topic categories using a Boolean OR operation Examine the matched documents fix the incursion category rule

**Answer:** A ([LEAVE A REPLY](#))

**NEW QUESTION: 19**

Which statement describes a situation in which a bi-directional recurrent neural network is a better option than a unidirectional network?

- A. The data at any given point in time depends only on the subsequent elements of the sequence
- B. The data at any given point in time depends on both the previous and subsequent elements of the sequence
- C. The data at any given point in time is independent of both the previous and subsequent elements of the sequence
- D. The data at any given point in time depends only on the previous elements of the sequence

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 20**

Which statement is TRUE regarding the Topics node in SAS Visual Text Analytics"

- A. A custom topic assigns a term relevancy score of 1 to each document containing the term.
- B. A single document contains only one topic
- C. You can split or merge topics
- D. The term relevancy score ranges front 0 to 1.

**Answer: B** ([LEAVE A REPLY](#))

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