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QUESTION & ANSWER



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Exam : A00-405

**Title : SAS Viya 3.5 Natural
Language Processing and
Computer Vision**

Version : DEMO

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

Answer: D

2. DRAG DROP

("Note: This is an interactive item Follow the instructions to answer the question Scroll bars may appear if the windows are too small Each window can be resized by dragging on the 5 circles located between windows)

You are building a CNN for an image classification task

Drag the layers on the left to the slots on the right in the appropriate order (from top to bottom) for this task

You have the number of layers listed below

- Input Layer (1)
- Output Layer (1)
- Convolutional Layer (1)
- Fully Connected Layer (2)
- Pooling Layer (1)

Input Layer	Order Layers (Top to Bottom)
Output Layer	
Convolutional Layer	
Fully Connected Layer	
Pooling Layer	

Answer:

Input Layer	Order Layers (Top to Bottom)
Output Layer	Input Layer
Convolutional Layer	Pooling Layer
Fully Connected Layer	Fully Connected Layer
Pooling Layer	Output Layer
	Convolutional Layer

3. Which option is the correct activation function for the output layer in a CNN model trained to classify an image belonging to one of the n classes ($C_1, C_2, C_3, \dots, C_n$)?

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

Answer: A

4. Refer to the exhibit.

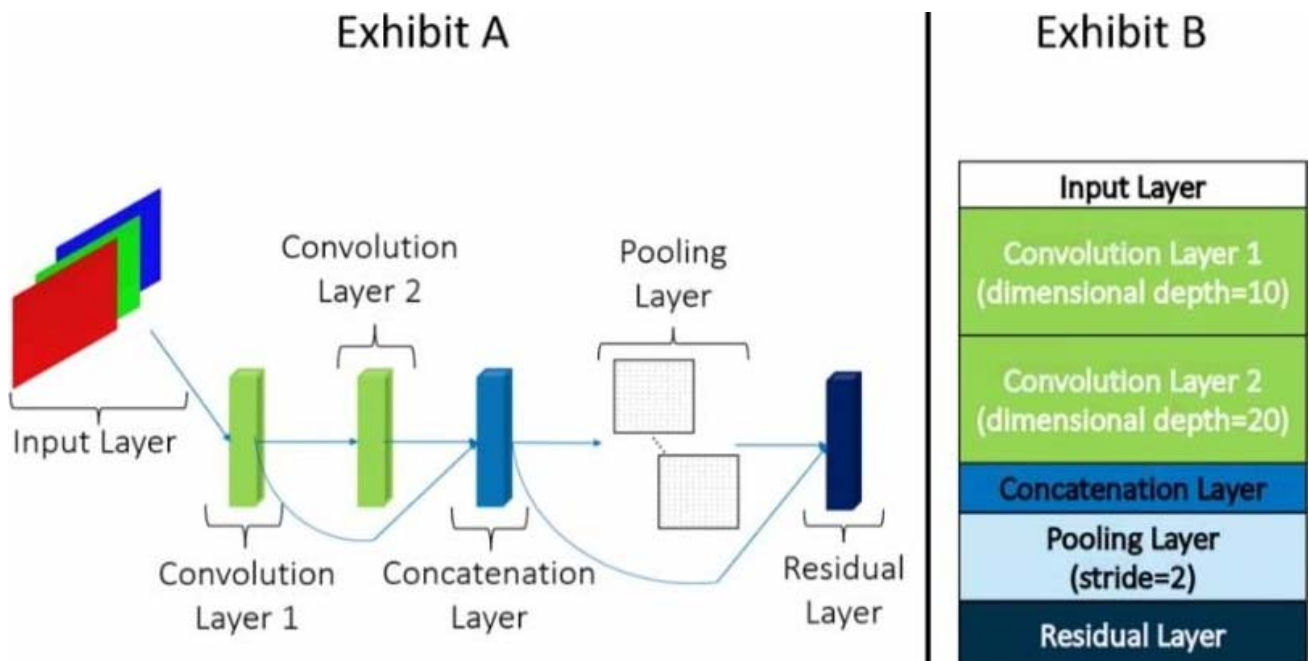


Exhibit A details the structure of a convolutional model. Exhibit B provides details of each layer in the model. The blue arrowed lines represent connections between layers.

What is the depth of the residual layer depicted above?

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

Answer: D

5. Which statement is TRUE about importing documents into SAS Visual Text Analytics using the Explore and Visualize Data menu?

- A. You must include your document collection in a parent folder
- B. You must convert your document collection to a SAS data set
- C. You must correct misspelled words in the document collection
- D. You must store the documents as txt files in a folder

Answer: A