1. Why AI engineer prefer s (CNN) over (ANN) for image data as input? Explain.
2. Explain the different layers in CNN.
3. Why do we use a Pooling Layer in a CNN?
4. An input image has been converted into a matrix of size 16 X 16 along with a filter of size 3 X 3 with a Stride of 1. Determine the size of the convoluted matrix. Padding of 2 zeros.
5. Briefly explain the two major steps of CNN i.e, Feature Learning and Classification.