COMPUTER SCIENCE ASSIGNMENT #2 - ANSWER KEY (Q1)

Q1: Gold Standard Answer:

A Convolutional Neural Network (CNN) is a deep learning architecture primarily used for analyzing visual imagery. Its core function is to automatically and adaptively learn spatial hierarchies of features from raw pixel data. Its three primary layers are:

1. The Convolutional Layer

2. The Pooling Layer

3. The Fully Connected Layer