Newral Network in Brain -It refers to the complex system of interconnected neurons that
communicate with each other - to process & transmit information This system is responsible for various cognitive functions: This newal network is made possible by -Neurons: They are feindamental units of the brain specialized for transmitting electrical and chemical signals Synapses: They are connections between neurons where information is passed from one neuron to another through neurotransmitters. Chemicals that help neurons communicate. In the Context of Artificial Newal Network (ANN):-· Newrons -> Nodes (information processed here)
· Syrapse -> Paths (connects nodes and transmit information) Egg ANN Structure: Input Processing Output Layer Layer Layer

Let's take an example of how image is processed byour we se an object. (Roma) The photo reptors & (rods cones) trigger the active potential if it surpasses threshold value and convert to electric signals, that are sent to brain through optic nerve for further works in for further processing · Processing Layers Visual cortex of the brain processes risual information. The neurons in this area detect basic features of ligh such as edges, lines and orientations. of the from the retina and also recognises that the Input? (Passation) rocessing = (Decision) making Its a toy Output: The a cat Its a human (Result)