

# Artificial Intelligence (Unit- I)

## Across

[4] The so-called \_\_\_\_ tradition within AI hopes to build on such programs to create intelligent systems.

[5] The interdisciplinary field of \_\_\_\_\_ brings together computer models from AI and experimental techniques from psychology to construct precise and testable theories of the human mind.

[6] \_\_\_\_\_ representation to store what it knows or hears.

[9] A \_\_\_\_\_ is one that acts so as to achieve the best outcome or, when there is uncertainty, the best expected outcome.

[14] \_\_\_\_\_ is required to perceive objects in order to pass total turing test.

[15] \_\_\_\_\_ learning to adapt to new circumstances and to detect and extrapolate patterns.

## Down

[1] An \_\_\_\_ is just something that acts.

[2] A system is \_\_\_\_ if it does the "right thing," given what it knows.

[3] acting appropriately when there is not enough time to do all the computations one might like is called as.

[7] Greek philosopher Aristotle \_\_\_\_\_ provided patterns for argument structures that always yielded correct conclusions when given correct premises.

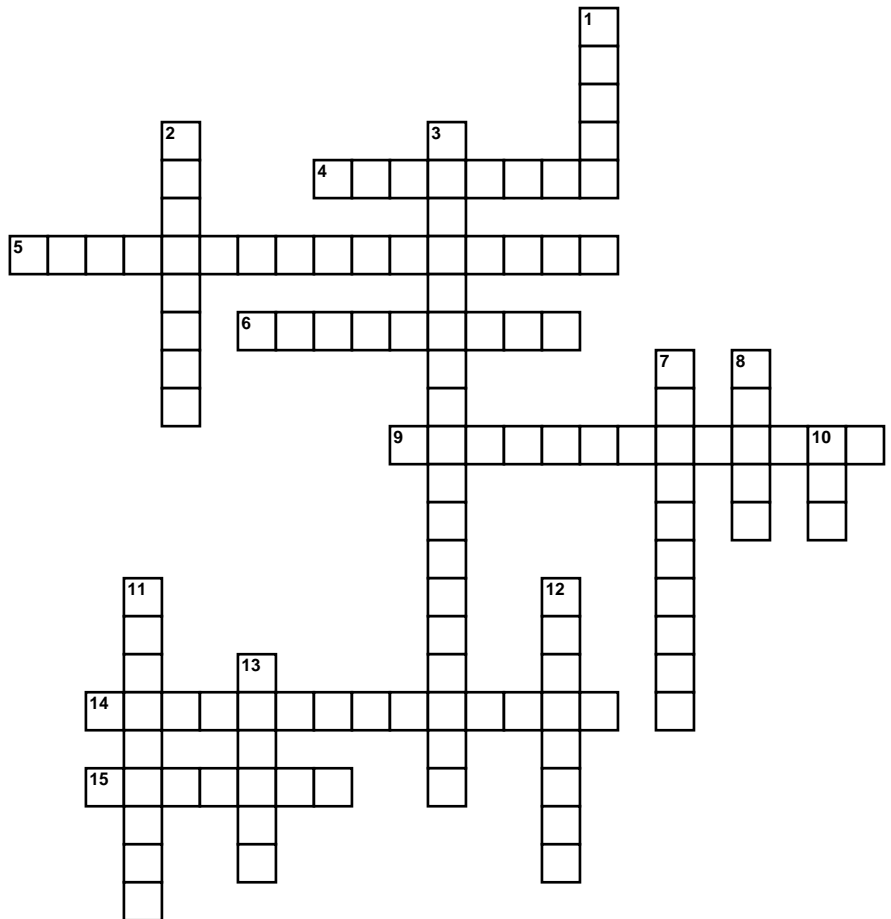
[8] These laws of thought were supposed to govern the operation of the mind; their study initiated the field called \_\_\_\_.

[10] \_\_\_\_ (acronym) to enable it to communicate successfully in English.

[11] \_\_\_\_\_ reasoning to use the stored information to answer questions and to draw new conclusions.

[12] \_\_\_\_\_ is required to manipulate objects and move about in order to pass total turing test.

[13] The \_\_\_\_\_ Test, proposed by Alan Turing (1950), was designed to provide a satisfactory operational definition of intelligence.



# Solution

