1. Define AI. Explain behviours of AI. What do you mean by Turing test? Explain it.

=> AI is a computer program or algorithm which solves the given problem and also learns how to solve the problem better with each itteration.

The behaviours of AI are:

a. Planning

b. Learning

c. Reasoning

d. Problem Solving

e. Knowledge Representation

f. Perception

g. Motion

h. Manipulation

Turing test is a test, devised by Allan Turing, to determine if a machine displays human intelligence. If a machine can engage in a conversation with a human without being found out that it was not a machine than it would pass the turing test.

2.