

1) What is chat bot?

Ans: i) A Chatbot is an artificial intelligence (AI) program that simulates interactive human conversation by using key precalculated user phrases and auditory or text based signals.

ii) Chatbots are frequently used for basic customer service & marketing systems that frequent social networking sites & instant messaging (IM) clients.

2) Explain Any One Real Time Chatbot?

Ans: i) Google Assistant can be considered as best example of real time chatbot.

ii) Google Assistant has lot many features & make it easy for the user to explore its device or to surf internet.

iii) Calling, messaging, setting an alarm, searching for outliers, playing games, quizzes etc. Google Assistant provides all these features.

iv) It accepts the input based on users voice or the text typed by the user & works according to that instruction.

Q.3) Explain any 2 applications of NLP?

Ans: i) Text Classification & Categorization:

Text Classification is an essential part in many applications such as web searching, information filtering, language identification, readability assessment & sentiment analysis. Neural Networks are actively used for these tasks.

ii) Named Entity Recognition (NER):

The main task of named entity recognition (NER) is to classify named entities such as Microsoft, London, Steve Jobs etc into predefined categories like organizations, locations, persons & so on.

Many NER systems were already created and the best of them use Neural Networks.