

Artificial Intelligence Questions and Answers – Natural Language Processing – 1

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This set of Artificial Intelligence Multiple Choice Questions & Answers (MCQs) focuses on “Natural Language Processing – 1”.

1. What is the field of Natural Language Processing (NLP)?

- a) Computer Science
- b) Artificial Intelligence
- c) Linguistics
- d) All of the mentioned

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Answer: d

Explanation: None.

2. NLP is concerned with the interactions between computers and human (natural) languages.

- a) True
- b) False

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Answer: a

Explanation: NLP has its focus on understanding the human spoken/written language and converts that interpretation into machine understandable language.

3. What is the main challenge/s of NLP?

- a) Handling Ambiguity of Sentences
- b) Handling Tokenization
- c) Handling POS-Tagging
- d) All of the mentioned

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4. Modern NLP algorithms are based on machine learning, especially statistical machine learning.

- a) True
- b) False

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Answer: a

Explanation: None.

5. Choose form the following areas where NLP can be useful.

- a) Automatic Text Summarization
- b) Automatic Question-Answering Systems
- c) Information Retrieval
- d) All of the mentioned

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Answer: d

Explanation: None.

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6.
a)
b)



- c) Machine Translation
- d) All of the mentioned

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Answer: d

Explanation: There is even bigger list of tasks of NLP.

http://en.wikipedia.org/wiki/Natural_language_processing#Major_tasks_in_NLP.

7. What is Coreference Resolution?

- a) Anaphora Resolution
- b) Given a sentence or larger chunk of text, determine which words (“mentions”) refer to the same objects (“entities”)
- c) All of the mentioned
- d) None of the mentioned

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Answer: b

Explanation: Anaphora resolution is a specific type of coreference resolution.

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8. What is Machine Translation?

- a) Converts one human language to another
- b) Converts human language to machine language
- c) Converts any human language to English
- d) Converts Machine language to human language

 View Answer



9. The more general task of coreference resolution also includes identifying so-called “bridging relationships” involving referring expressions.

- a) True
- b) False

 View Answer

Answer: a

Explanation: Refer the definition of Coreference Resolution.

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10. What is Morphological Segmentation?

- a) Does Discourse Analysis
- b) Separate words into individual morphemes and identify the class of the morphemes
- c) Is an extension of propositional logic
- d) None of the mentioned

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Answer: b

Explanation: None.

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