08m 09s Time Utilized	Pass 73%	**22 / 30** Beginner Questions
00m 16s Average Time per Question		
22 / 30 Total Correct Answers		
8 / 30 Total Incorrect Answers	Cleared Assessment	

Section Based Score

Getting Started with Natural Language Processing	Dive into NLTK	Creating a Classifier	Bu...
36	12	10	2
26	10	6	2

Skill Based Score

NLP

73%

Q2. Coreference Resolution is

Options

- ○ Anaphora Resolution

- ○ Given a sentence or larger chunk of text, determine which words (mentions) refer to the same objects (entities)
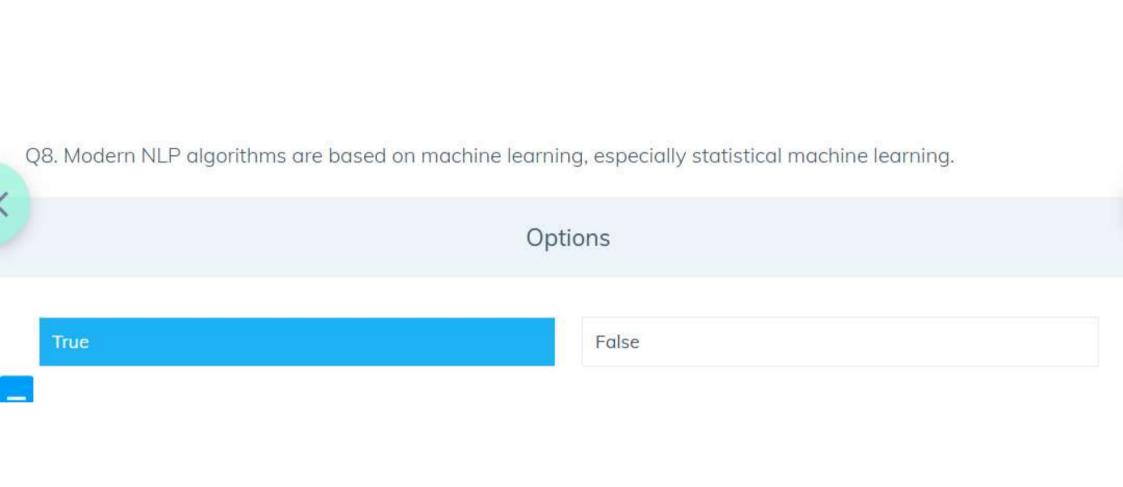
- ◉ All of the mentioned

- ○ None of the above

Q1. Choose form the following areas where NLP can be useful.

Options

- ◯ Automatic Text Summarization
- ◯ Automatic Question-Answering Systems
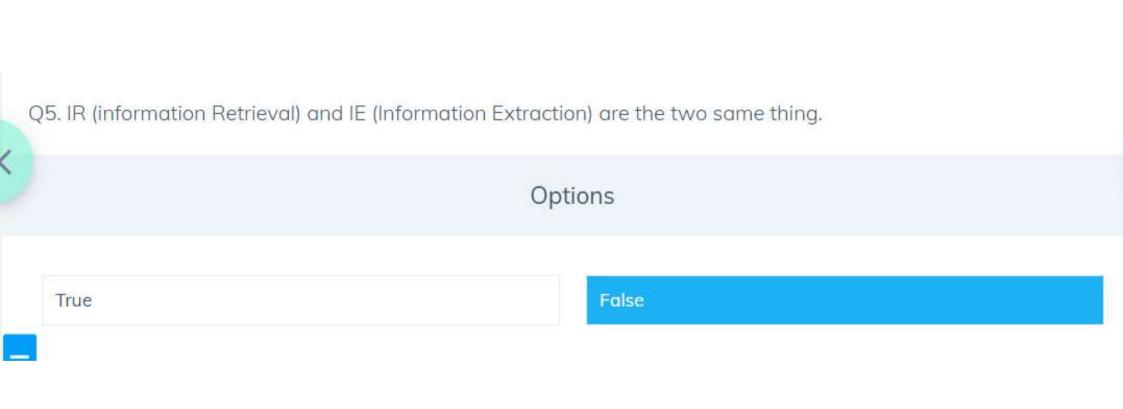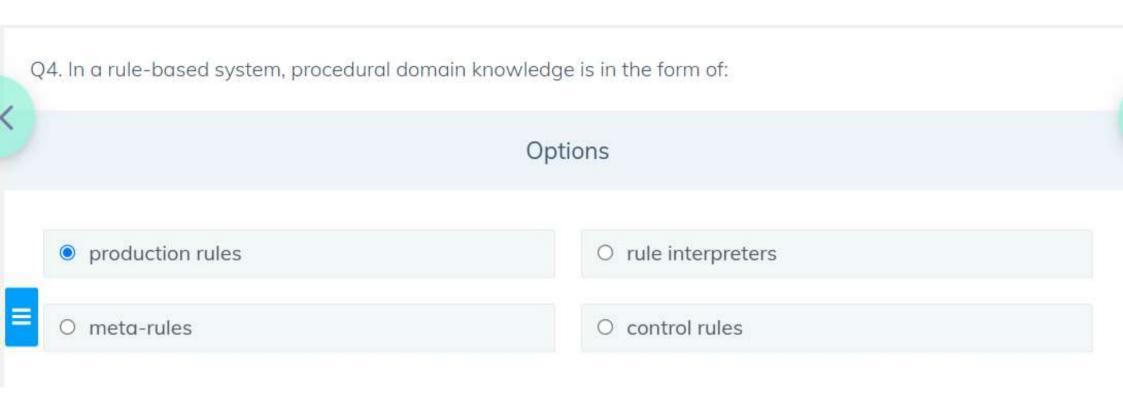- ◯ Information Retrieval
- 🔘 All of the above

Q12. OCR (Optical Character Recognition) uses NLP.

Options

True

False

Q11. NLP is concerned with the interactions between computers and human (natural) languages.

Options

True	False

Q10. Natural Language Processing (NLP) is a field of

Options

○ Computer Science

○ Artificial Intelligence

○ Linguistics

◉ All of the above

Q9. Natural Language generation is the main task of Natural language processing.

Options

True

False

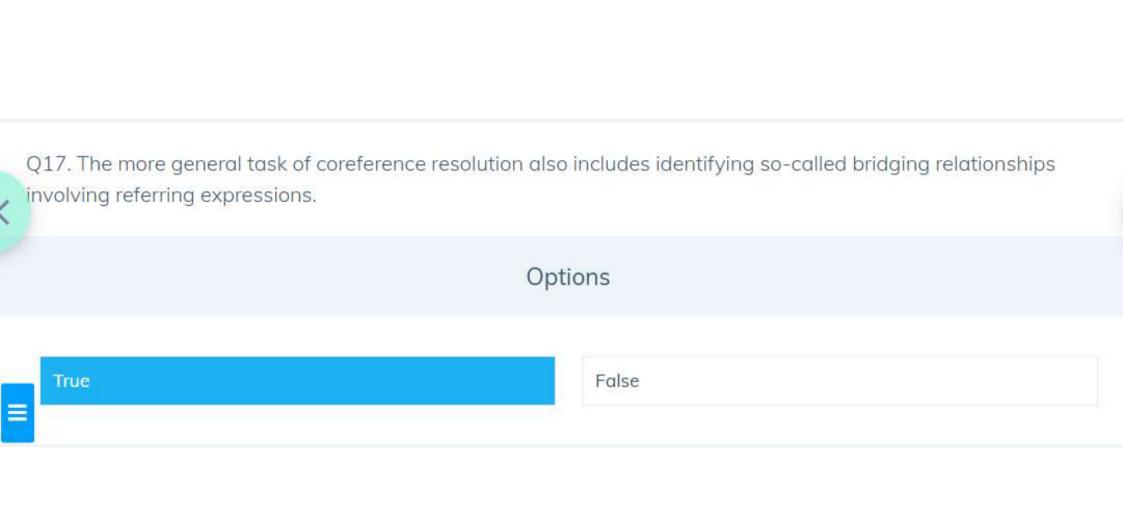Q8. Modern NLP algorithms are based on machine learning, especially statistical machine learning.

Options

True	False

Q7. Many words have more than one meaning; we have to select the meaning which makes the most sense in context. This can be resolved by

Options

- ○ Fuzzy Logic
- ● Word Sense Disambiguation
- ○ Shallow Semantic Analysis
- ○ All of the above

Q6. Machine Translation

Options

- ( ) Converts one human language to another

- ( ) Converts human language to machine language

- ( ) Converts any human language to English

- ( ) Converts Machine language to human language

Q5. IR (information Retrieval) and IE (Information Extraction) are the two same thing.

Options

True

False

Q4. In a rule-based system, procedural domain knowledge is in the form of:

Options

- ● production rules
- ○ rule interpreters
- ○ meta-rules
- ○ control rules

Q3. DEC advertises that it helped to create the worlds first expert system routinely used in an industrial environment, called XCON or:
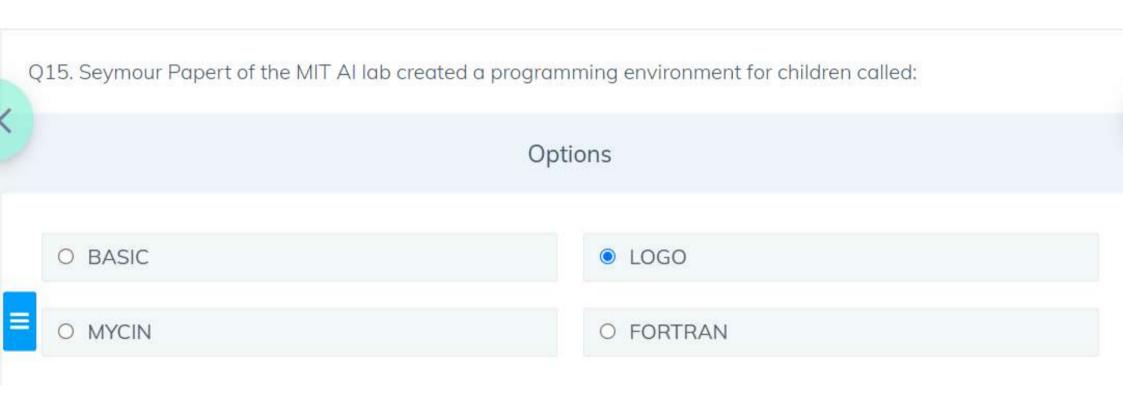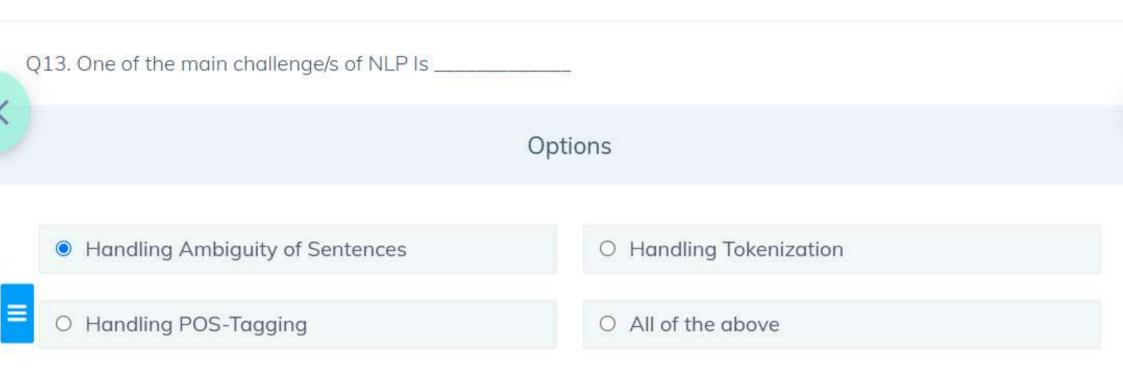
Options

- ○ PDP-11
- ○ RI
- ⦿ VAX
- ○ MAGNOM

Q17. The more general task of coreference resolution also includes identifying so-called bridging relationships involving referring expressions.

Options

True	False

Q16. The major tasks of NLP includes

Options

- ○ Automatic Summarization
- ○ Discourse Analysis
- ○ Machine Translation
- ● All of the above

Q15. Seymour Papert of the MIT AI lab created a programming environment for children called:

Options

○ BASIC

◉ LOGO

○ MYCIN

○ FORTRAN

Q14. Parsing determines Parse Trees (Grammatical Analysis) for a given sentence.

Options

True

False

Q13. One of the main challenge/s of NLP Is _____

Options

- ● Handling Ambiguity of Sentences
- ○ Handling Tokenization
- ○ Handling POS-Tagging
- ○ All of the above

Q30. Morphological Segmentation

Options

- ○ Does Discourse Analysis
- ● Separate words into individual morphemes and identify the class of the morphemes
- ○ Is an extension of propositional logic
- ○ None of the above

Q29. Weak AI is

Options

- the embodiment of human intellectual capabilities within a computer
- ◉ a set of computer programs that produce output that would be considered to reflect intelligence if it were generated by humans
- the study of mental faculties using mental models implemented on a computer
- All of the above

Q28. The original LISP machines produced by both LMI and Symbolics were based on research performed at:

Options

- ○ CMU
- ● MIT
- ○ Stanford University
- ○ RAMD

Q27. In LISP, the function returns t if is a CONS cell and nil otherwise:
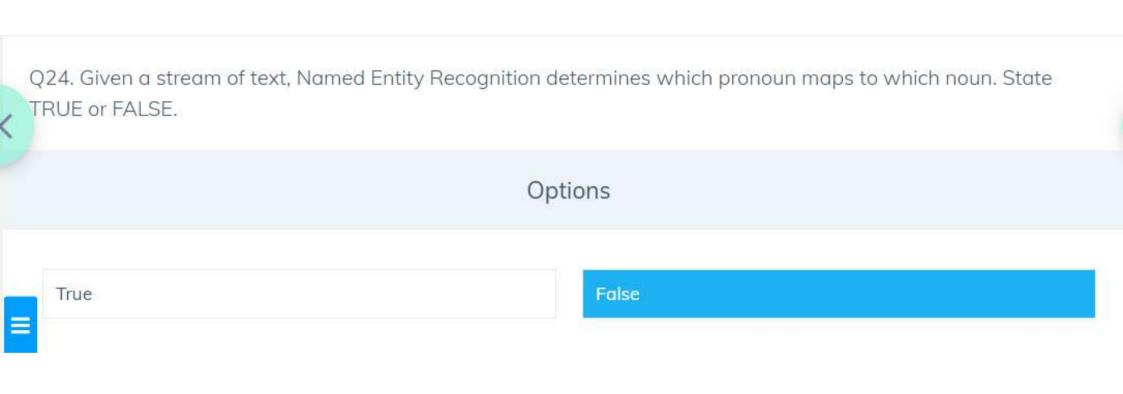
Options

○ (cons)

● (consp)

○ (eq)

○ (cous =)

Q26. In LISP, the addition 3 + 2 is entered as
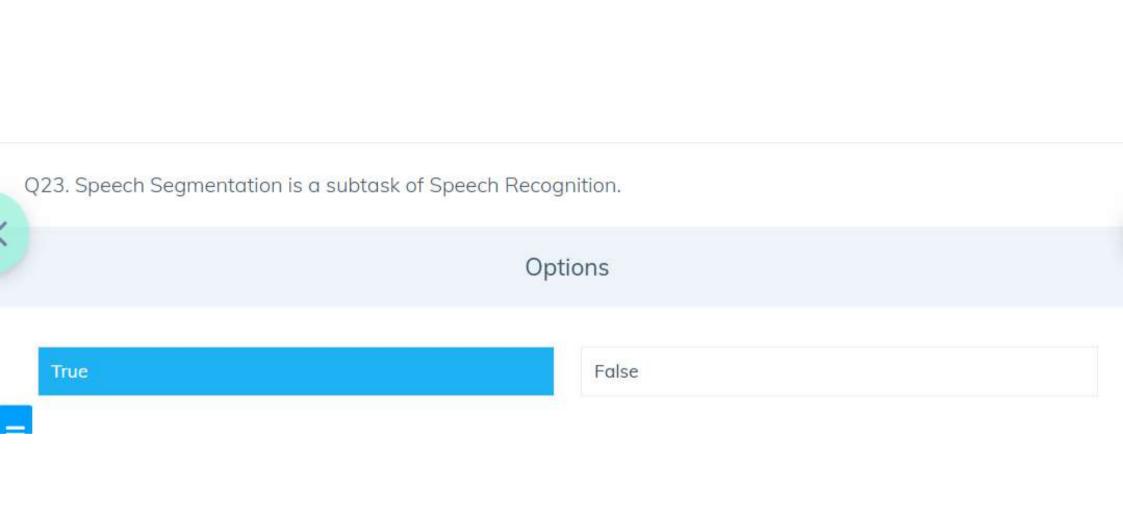
Options

- O 3 + 2
- O 3 add 2
- O 3 + 2 =
- ● (+ 3 2)

Q25. If a robot can alter its own trajectory in response to external conditions, it is considered to be:

Options

- ◉ intelligent
- ○ mobile
- ○ open loop
- ○ non-servo

Q24. Given a stream of text, Named Entity Recognition determines which pronoun maps to which noun. State TRUE or FALSE.

Options

True	False

Q23. Speech Segmentation is a subtask of Speech Recognition.
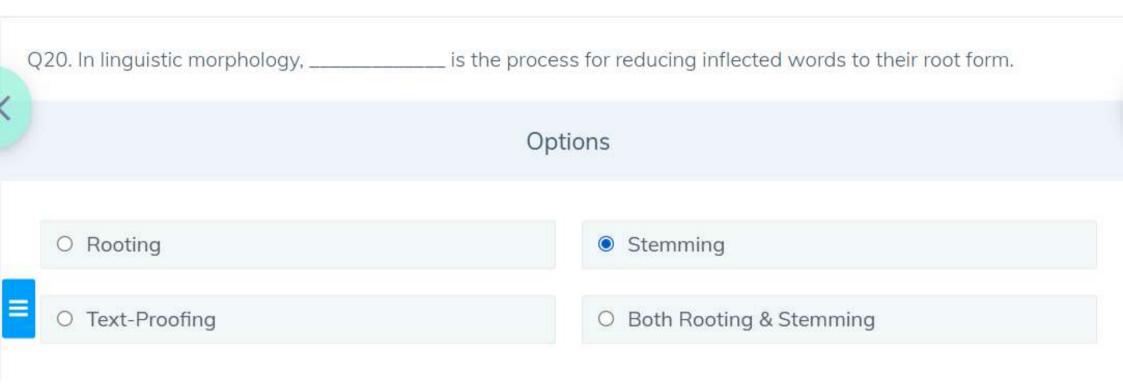
Options

True

False

Q22. Prior to the invention of time-sharing, the prevalent method of computer access was:

Options

- ● batch processing
- ○ telecommunication
- ○ remote access
- ○ All of the above

Q21. Parts-of-Speech tagging determines

Options

○ part-of-speech for each word dynamically as per meaning of the sentence

⦿ part-of-speech for each word dynamically as per sentence structure

○ all part-of-speech for a specific word given as input

○ All of the above

Q20. In linguistic morphology, _____ is the process for reducing inflected words to their root form.

Options

○ Rooting

◉ Stemming

○ Text-Proofing

○ Both Rooting & Stemming

Q19. Given a sound clip of a person or people speaking, determine the textual representation of the speech.

Options

- ⚪ Text-to-speech
- 🔵 Speech-to-text
- ⚪ All of the mentioned
- ⚪ None of the above

Q18. The Strategic Computing Program is a project of the:

Options

- ● Defense Advanced Research Projects Agency
- ○ National Science Foundation
- ○ Jet Propulsion Laboratory
- ○ All of the above