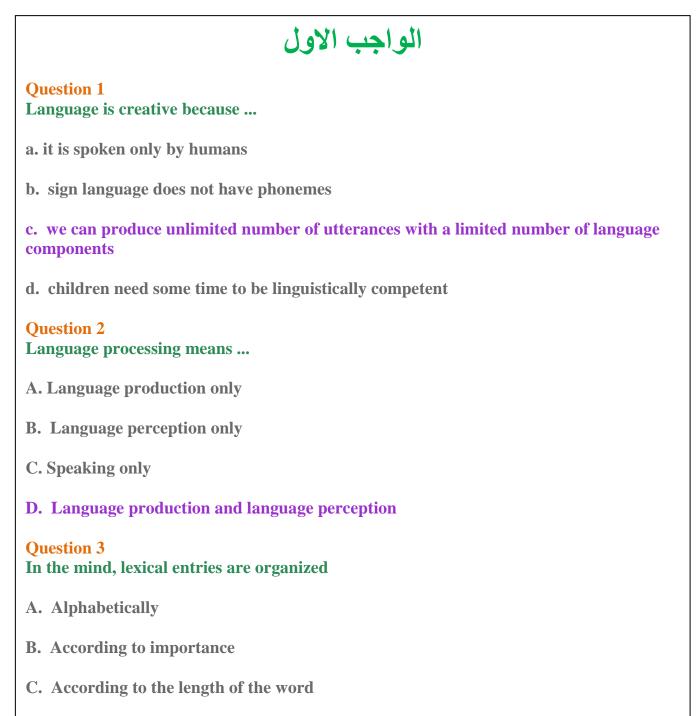
علم اللغة النفسي

استاذ المقرر / محمد عبدالله علي المعيلي

الواجبات



1

D. According to their meaning and sound



In lexical decision experiments, we are looking for response latency and...

- A. Response speed
- B. Respondent's satisfaction
- C. Respondent's amusement
- D. Response accuracy

Question 2

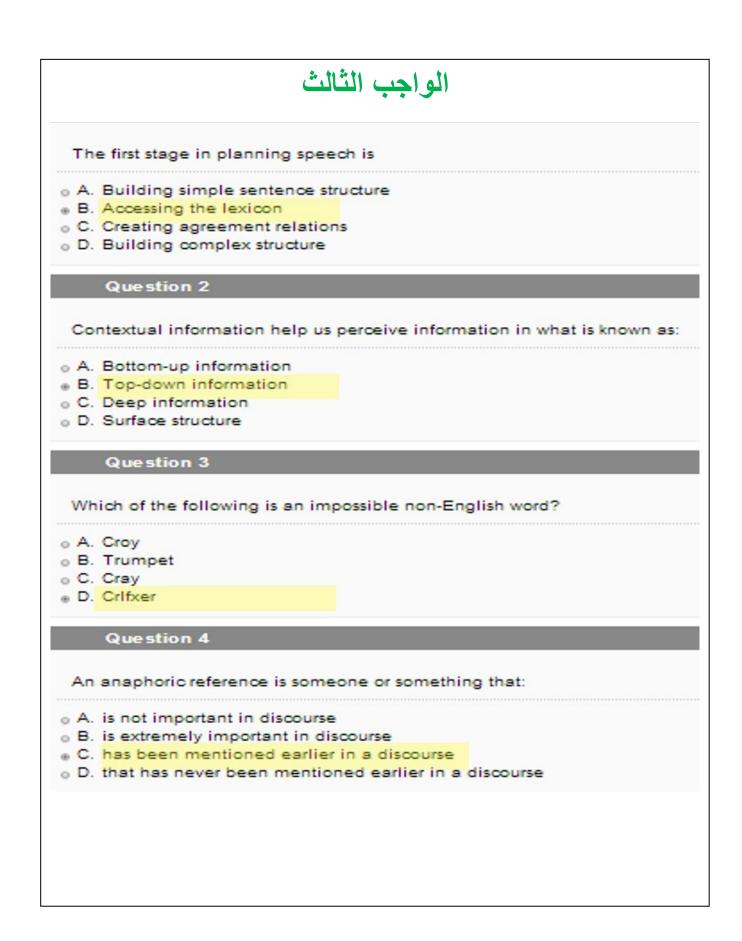
Neurolinguistics studies...

- A. The vocal tract
- B. The tongue
- C. Representation of language in the brain
- D. The structure of language

Question 3

The critical period hypothesis suggests that

- A. There is an age limit for acquiring the first language
- B. People can acquire a language fully at any age
- C. People can acquire language only after puberty
- D. People cannot acquire their first language fully



(Exercise)

التمارين الموجودة في المحتوى مهمة ايضاً الاجابة الصحيحة بالأخضر

L.3

Choose the right item:

In psycholinguistics, one thing we can learn from the tip of the tongue phenomenon is that:

- a) Lexical entries are easy to forget
- b) Lexical entries are organised alphabetically in our mind
- c) Entries are grouped in the mind (e.g. according to their meaning and sound)
- d) Entries are stored independently in the mind

L.4

Response latency is:

- a) The time it takes the respondent to complete a lexical decision task
- b) The Accuracy of the respondent's answer
- c) Deciding that the stimulus is an English word
- d) Deciding that the stimulus is not an English word

L.5

- Language is based in the biology of humans, because:
- A. Language is species specific
- B. There are universal aspects of language
- C. There is an age restriction for acquiring the first language
- D. All of the previous items are correct

L.7

4

تنسيق / طالب ١٤٢٨

• The holophrastic stage is:

A. Before birth

B. Between birth and 12 months

C. Between 12 months and 24 months

D. After 24 months

L. 8

• People start to develop discourse ability in their late childhood, this includes:

A. Taking turns in conversations

B. Crying to express anger

C. Laughing to express joy

D. None of the previous is correct

L.9

Lexical retrieval is
A. A stage in language perception
B. A stage in language production
C. A vocabulary experiment
D. None of the previous is correct

L. 10

• Knowledge of the phonemic inventory of a language is

A. Not necessary for perception

B. Necessary for perception

C. Necessary for production

D. Both B and C

L. 11

5

• Before lexical retrieval, bound morphemes are

A. Kept

B. Removed from the word they are bound to

C. Only kept if they are derivational morphemes

D. Only kept if they are inflectional morphemes

• The parser:

A. Computes relations between words

B. Prefers simple structures

C. Responds to morpho-syntactic violations differently

D. All of the previous items are correct

L. 13

• Which of the following helps the listener in perceiving the signal:

A. Lexical information

B. Prosody

C. Non-linguistic information

D. All the previous items are correct

L.14

- Working memory is:
- A. Long-term memory
- **B. Short-term memory**

C. Short-term and long-term memory

D. None of the previous is correct



• ٢ سؤال للمراجعة – علم اللغة النفسي المصدر : الاخت / سر البسمة الرابط: http://www.e1500.com/vb/t72400.html يا أصحاب أنقل لكم هنا ٢٠ سؤال من الدكتور / محمد المعيلي

بارك الله فيه قام بإنزالها مع الحاضرة ٤ 1 بالبلاك بورد لإعطائكم فكرة على طريقته فى وضع الأسئلة

1-. document how a language is actually used by its native speakers.

- (a) Prescriptive grammars
- (b) Descriptive grammars
- (c) Psycholinguistics
- (d)Neurolinguistics

2- is the actual use of linguistic knowledge

- (a) Linguistic competence
- (b) Linguistic performance
- (c) Language creativity
- (d)None of the previous items is right

3- Language processing is subconscious, this means:

- (a) It happens without the mental capacities being fully active
- (b) The mental capacities have to fully active during language processing

- (c) Language processing is not necessary when speaking
- (d)None of the previous items is correct

4- Lexical entries are organised in the brain

(a) according to their meaning and sound

- (b)alphabetically
- (c) according to length of the word
- (d)chronologically
- 5- The tip of the tongue phenomenon means:
 - (a) being unable to remember words due to head injury
 - (b)being unable to produce words due to head injury
 - (c) <u>remembering some details about a word, but not the word itself</u>
 - (d)remembering the meaning of a word in short-term memory
- 6- In the mind, lexical entries are organised according to:
 - (a) Their meaning
 - (b)Their sound
 - (c) Their meaning and sound
 - (d)Alphabetically
- 7- The tip of the tongue phenomenon is:
 - (a) Remembering words
 - (b)Organising words
 - (c) <u>Remembering some details about a word but forgetting the word</u>
 - (d)None of the previous
- 8- Lexical decision and priming experiments are conducted to:
 - (a) Check peoples' fluency
 - (b)Check peoples' response to potential threats
 - (c) Check peoples' communication skills
 - (d) Check peoples' access to lexical entries
- 9- Which of the following is not an indication that a communication system is based in the biology of its users:

8

(a) Being species specific

- (b)Being universal to members of the species
- (c) Being made of sounds and symbols
- (d)Being affected by the environment
- **10-** Aphasia is:
 - (a) <u>A language impairment following an injury to the brain</u>
 - (b)Language fluency
 - (c) Language accuracy
 - (d)None of the previous
- 11- Which of the following is not one of the stages of speech production: (a) Lexical retrieval
 - (b)Slip of the tongue
 - (c) Building simple sentence structure
 - (d)Creating agreement relations
- 12- Bottom-up processing is:
 - (a) Using the acoustic signal to produce speech
 - (b) Using the acoustic signal to understand speech
 - (c) Using the acoustic signal to create sign language
 - (d)None of the above
- 13- Top-down processing is:
 - (a) Using contextual information to produce speech
 - (b)Using the acoustic signal to understand speech
 - (c) <u>Using contextual information to understand speech</u>
 - (d)Using acoustic signal to understand speech
- 14- Possible non-words are:
 - (a) Words which exist in the language but are not found in the dictionary
 - (b)Words which do not exist in the language but are found in the dictionary
 - (c) <u>Words which can be added to a language because they do not violate</u> <u>its phonotactic rules</u>
 - (d)Words which cannot be added to a language because they violate its phonotactic rules

15- Impossible non-words

- (a) Words which exist in the language but are not found in the dictionary
- (b)Words which do not exist in the language but are found in the dictionary

(c) Words which can be added to a language because they do not violate its phonotactic rules

(d)Words which cannot be added to a language because they violate its phonotactic rules

- 16- Clause boundary is:
 - (a) The location where a new clause begins
 - (b) The location where the speaker pauses
 - (c) The location where the hearer loses perception
 - (d)None of the above is true
- 17- An ambiguous sentence is a sentence which:
 - (a) has one meaning
 - (b)<u>has more than one meaning</u>
 - (c) does not have any meaning
 - (d)none of the above is true
- **18-** There are information which the parser uses to build structure, these information are:
 - (a) Lexical information
 - (b)Prosodic information
 - (c) Non-linguistic information
 - (d)<u>All of the above</u>

19- 19-Discourse is:

- (a) Sets of sentences which are not connected to each other
- (b)Sets of sentences which are connected to each other
- (c) A long sentence
- (d)None of the above is true
- 20- When stored in long-term memory:
 - (a) Information about the sentence structure are lost
 - (b) Meanings of many sentences are combined
 - (c) Inferences are added to representations of meaning
 - (d)<u>All of previous</u>

اسئلة اختبارات الاستاذ / محمد عبدالله المعيلى

مصدر هذه الاسئلة واسئلة اخرى لمقررات اخرى للمستوى السابع مضافة

للمنتدى للاخ / (سح الليل اب)

الرابط التالي : http://www.e1500.com/vb/t83788.html

هذه اسئلة مقرر علم اللغة النفسي في الصور ادناه

وتحتها ٥٢ سؤال مراجعة تحتوى على كثير من هذه الاسئلة

 (a) a decrease in linguistic abilities due to getting older (b) an age restriction for acquiring the first language (c) a period in adolescence in which people start to think critic (d) none of the above (3) Language development is triggered by the environment this means: (a) people born in the summer acquire their first language quicker (b) people born in the winter acquire their first language quicker (c) the environment does not have an effect on language acquisition
 (4) The brain's control of the body is contra-hateral, this means: (a) The right hemisphere of the brain controls the left side (b) The left hemisphere of the brain controls the left side (c) The right hemisphere of the brain controls the right side (d) All of the above minimum Device (LAD) is:
 (d) All of the above (5) Language Acquisition Device (LAD) is: (a) A computer software which helps people acquire a first language (b) A computer software which helps people language impairment (c) A computer software which helps people language impairment (d) None of the above (6) There is evidence that human's sensitivity to language can start (a) at the age of 12 months (b) a page of 8 months
 (6) There is evided (a) at the age of read (b) at the age of 8 months (c) at the age of 6 months (d) even before birth (d) even before birth (e) Language is species specific, this means: (f) Language is species specific, this means (g) Humans can use language to communicate with bits (h) Humans can use language to communicate with bits
(b) Humans can use language

وُول ٢٣٥٢/٥٣٤ هـ نموذج D (8) Most children start to discriminate many phon (a) First year of life (b) Second year of life (c) Third year of life (d) Fourth year of life

(9) The holophrastic stage is(a) a stage of early acquisition in

(h) a stage of early adque

1000 - 2010	
dance.	(a) First year of life
	(b) Second year of life
	(c) Third year of life
	(d) Fourth year of life
(9) The	holophrastic stage is
	(a) a stage of early acquisition in which the child produce
	(b) a stage in which the child produces two consecutive v
	(c) also known as the one-word-stage of acquisition
	(d) none of the above
(19)	During pre-school years, the child acquires an average of
	(a), 4 to 8 new words everyday
	(b) 1 to 2 new words everyday
	(c) 1 to 4 new words everyday
	(d) 8 to 12 new words everyday
(11)	Code-switching is (a) The speaker's switching between two languages in (b) The child's ability to acquire more than one language (c) The child's transition between language acquisition (d) The ability of bilingual speakers to speak more than
(12)	The first stage in planning speech, after the idea is made, is (a) Building simple sentence structure (b) Building complex structure (c) Creating agreement relations (d) Accessing the lexicon
(13)	(a) Meaning (b) Sound (c) Both (a) and (b) (d) None of the above
(14)	While perception, the parser: (a) breaks down complex sentences to si (b) plans the for the next turn in a conv (c) both (a) and (b)

13 P

17 2 40 (22) Pronominal referente are	
LUI AMANDODOD	
(b) sopular elements (b) pronouns referring to noun phrases (c) pronouns referring to noun phrases	9. ST
(c) promotion the above	6.239
 (d) none of the above (d) none of the above (23) An anaphorie reference is someone or something that: (23) An anaphorie reference is someone or something that: 	
 (b) is extremely important in nuccours (b) is extremely important in nuccourse (c) that has never been mentioned earlier in a discourse (d) has been mentioned earlier in a discourse 	
 (24) Lexical decision experiments are used to (a) help us understand how lexical entries are linked (b) know how people access texical entries stored in (b) know how people access texical entries stored in (c) how quickly and accurately do people access the (d) all of the previous choices are correct 	to each their br ir lexics
 (25) In lexical decision experiments, participants: (a) choose the best meaning for a given word (b) decide whether a word is a real word or not (c) decide on how a word can be put in context (d) tell whether or not they have come across a point 	
 (26) Response latency is: (a) the time it takes the participant to complet (b) whether or not the participant has provide (c) both (a) and (b) (d) blone of the previous 	
 (27) Response accuracy is: (a) the time it takes the participant is (b) whether or not the participant is (c) both (a) and (b) (c) both (a) of the previous 	
 (a) None (a) Frequency effect means; (a) less frequently used word (b) frequently used word 	is are a rds are

14 0

Υ

(c) All other words that share an initial
(d) None of the previous
(31) Slips of the tongue involve
(a) Exchanging morphemes within a sent
 (b) Making fun of someone's mistakes (c) Lack of linguistic competence
(d) Not understanding someone's intended
and the second the second seco
(a) difference between someone's intended (b) similarity between what someone has pl
(c) inisunderstanding of a sentence
(d) accurate perception of utterances (33) Psycholinguists:
(a) do not pay much attention to spoonerism
(b) make fun of people's spoonerisms
(c) learn from peoples' spoonerisms
(d) teach people to produce spoonerisms
(34) provides instructions on how a
(a) Prescriptive grammar
(b) Signal
(c) Sign language
(d) Descriptive grammar

<u>بو</u> -ج ر	القصل الأول ١٤٣٥/١٤٣٤ هـ
(35)	in, linguists observe the language
doc	ament It.
	(a) descriptive grammars
	(b) prescriptive grammars
	(c) linguistic competence
	(d) linguistic performance
(36)	Lexical entries are stored in the mind as
	(a) independent words
	(b) a complex network of lexemes
	(c) a list of vocabulary items organised alp
	(d) None of the previous
(27)	· · · · · the study of
(37)	() it a manrecentation of language
	(a) the study of language acquire
	f the anuve
	(d) None of a language is its
(20)	(d) None of the above (d) None of the above The orthography of a language is its
(38)	The orthography of (a) text direction
	(a) text uncer (b) phonetic system (b) phonetical system
	amiliation
	(c) granne (d) writing system (d) writing system
	(d) WITTING and tells us about.
	(d) writing system (d) writing system tongue phenomenon tells us about:
	tongue i ano are a i antiti

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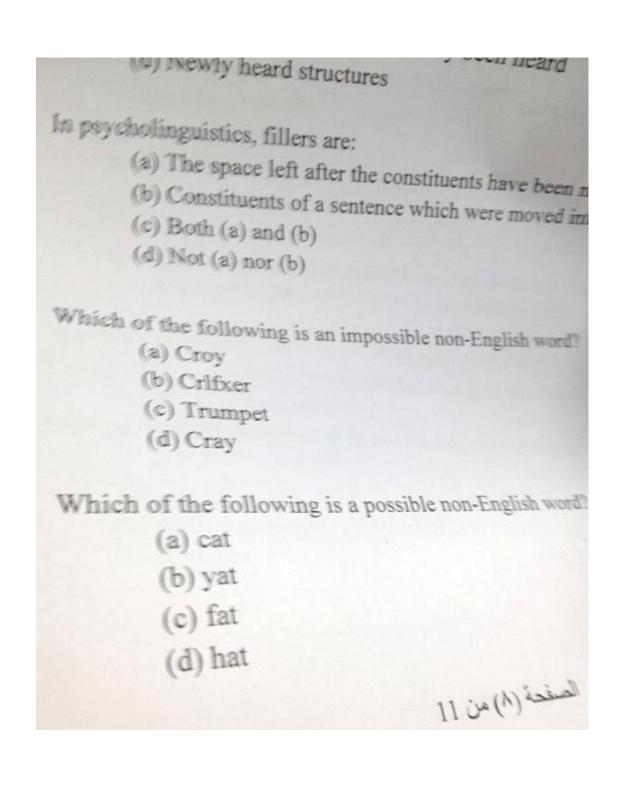
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الفسل الأول و٢١٤٢/ ٢٢ ه the course of (843) throws a area is located in the (a) Temporal lobe of the right hemisphere all fire bream (b) Frontal lobe of the right hemisphere of the brain (c) Temporal lobe of the left hemisphere of the Sman (d) Frontal lobe of the left hemisphere of the brain (30) Wernicke's area is located in the (a) Temporal lobe of the right hemisphere of the brain (b) Frontal lobe of the right hemisphere of the brain (c) Temporal lobe of the left hemisphere of the brain (d) Frontal lobe of the left hemisphere of the brain (30) The parser computes relationships between words. (a) Rapidly (b) Efficiently (e) Both (a) and (b). (d) Not (a) nor (b) The parser prefers: (31) (a) Complex structures (b) Simple structures (c) Structures which have already been beard (d) Newly heard structures In psycholinguistics, fillers are: (a) The space left after the constituents have been unit (b) Constituents of a sentence which were mered into (32)

(c) Both (a) and (b)

(d) Not (a) nor (b)

HART & HARD



A 1280/1284 002 نموذج D (68) A word's neighbourhood consists of: (a) all the lexical items that are next to ear (b) all the lexical items that are phonologic (c) all the lexical items learnt at early stage (d) None of the above (69) Morpheme stripping is: (a) Adding morphemes to an adjective (b) Adding morphemes to a noun (c) Adding morphemes to a yerb (d) None of the above (70)The tip of the tongue phenomenon means: (a) being unable to remember words due to the (b) being unable to produce words due to them (c) remembering some details about a word to (d) remembering the meaning of a word in sho

وهذه ٢٥ سؤال للمراجعة وتحتوى على عدد كبير من اسئلة الاختبارات في الصور اعلى ملاحظة : يرجى التأكد من الاجابات وانصح بالرجوع للمحتوى

- **1. Language development is triggered by the environment** The environment stimulates language accusations
- 2. The brain's control of the body is contra-interal The left hemisphere of the brain controls the right side of the body, and viceversa
- **3.** There is evidence that human's sensitivity can start Before birth to 12 months: Before birth:
- 4. Language is species specific, this means:-Animals cannot talk and they cannot be taught a human communication system
- **5.** How language is based in the biology of humans ? There is an age restriction for acquiring the first language
- 6. Most children start to discriminate many phonemic contrasts at this stage First year of life
- 7. The holophrastic stage is Also known as the one –world – stage of acquisitions
- 8. During pre-school years the child acquires an average of 4-8 new words everyday
- 9. Code-switching is : Switching between two languages in one discussion
- 10.the first stage in planning speech ,after the idea is made is Accessing the lexicon
- 11.A word can be retrieved using Both meaning and sound
- 12. While perception , the parser

It breaks down complex sentences to simpler sentences

13.Pronominal referents is ?

Pronouns refer to noun phrases, the job of the parser is to locate which NPs these pronouns refer to

14.Lexical decision?

Help us understand how lexical entries are linked together Know how people acces lexical entries stored in thier mind How quickly and accurately do people acces thier ...



15.In lexical decision experiment participants
Decide whether a word is a real word or not
16.Response latency is :
That is the time it takes for the a participant to respond
17.Response accuracy
Whether or not the participant responded accurately
18.Frequency effect means:
Less common words : less frequently used words
19.Working memory :
Short-term memory
20.When stored in long-term memory
Information about the sentence structure are lost
Meaning of many sentence are combined
inferences are added to representations of meaning
21.Decoding the acoustic signal is knowen as
Bottom-up processing
22.Structural ambiguity is :
One sentence that has more than one meaning
23.Which of the following is ambiguity
I was a man with binoculars
24.Usually, an ambiguous sentence can be disambiguated
Put into context
25.Aphasia is
A language impairment following an brain injury
26.Broca's aphasis is also known as :
Non-fluent aphasia
27.Wernicke's aphasisa is also know as :
fluent aphasia.
28.In,linguists observe the language document it
Descriptive grammars
29.Lexical entries are stored in the mind as
A list of vocabulary items organized a differently.
30. Neurolinguistics is the stud of :
The representation of language in the brain
31. The orthography of language is its :
Writing system
32.Slips of the tongue involve
Exchanging morphemes within a sentence
33.Slips of a tongue happen when there is a/an :
Similarity between what someone has plane
34.Psycholinguists :
Learn from people spoonerisms

35..... provides instruction on how a cretin language use by its native speakers



Descriptive grammar

36.Broca's area is located in the : in the frontal lobe of the left hemisphere 37.Wernicke's area is located in the : In the temporal lobe of the left hemisphere **38.**The parser computer relationship between words: rapidly and efficiently **39.The parse prefers : Simple structures** 40.In Psycholinguists, fillers are The space left after the constituents Constituents of a sentence which were moved 41. The tip of the tongue phenomenon tells us about: How lexical entries are organized in the mind How the minds recognizes lexical entries. 42.Psycholinguists is an interdisciplinary filed, that means ? an established discipline in linguistic 43. Which of the following is not studied in Psycholinguists? 44.A word's neighborhood consists of All the lexical items that, are phonologically similar. **45.Morpheme stripping** None of the above **46.** The tip of the tongue phenomenon means : Remembering some details about a word, but not the word itself 47.Lexical entries are organizedin the brain Alphabetically in our mind **48.Grammatical encoding is** The creation of sentence structure during planning **49.**Contextual information help us perceive information in what: **Top-down information** 50. The direct in to the parser is a set of words ordered linearly 51.which of the following is an impossible non-English workds trumpet

52.which of the following is an possible non-English works

Psycholinguistics Questions prepared by:

Abu Bakr

1st Lecture

1. The terms: language and speech are:

- a. Synonymous to each other.
- b. Replaceable by each other.
- c. Defined by each other
- d. All false

2. Speech, writing and signals are considered as:

- a. Forms of language
- b. Alternatives for language
- c. Both
- d. Neither

3. There are individuals (e.g. infants) who can think but cannot produce language. This is a proof that:

- a. Thought is synonymous to language.
- b. Language is a part of thought.
- c. Thought is not synonymous to language.
- d. A and B

4. Are the terms language and communication synonymous?

- a. Always
- b. Never
- c. <u>Sometimes</u>
- d. All false

5. Language consists of the pair:

- a. (Signal, reply)
- b. (Signal, meaning)
- c. (Meaning, reply)
- d. (reply, response)
- 6. Limited number of phonemes, limited grammatical rules, and limited vocabulary items will leads to unlimited number of linguistics utterances. This proves that:
 - a. Language is limited.
 - b. Limitations are rare in languages.
 - c. There is a linguistic creativity.
 - d. A and B
- 7. People who teach language are interested in teaching a standardized use of language, the form of a language that is accepted in academic and business circles. This is an example of:
 - a. Prescriptive grammar
 - b. Descriptive grammar
 - c. Both
 - d. Neither
- 8. It describes how a certain language is_actually used by its native speakers. This is the:
 - a. Prescriptive grammar
 - b. Descriptive grammar
 - c. Both
 - d. Neither
- 9. <u>"Me</u> and Nasser went to Dammam". This is an example of:
 - a. Prescriptive grammar
 - b. Descriptive grammar
 - c. Both
 - d. Neither
- 10. Linguistic competence is the linguistic knowledge that provides a system forsound and meaning (i.e. the ability
 - of linking words with their meanings).
 - a. Differentiating between
 - b. <u>Pairing</u>
 - c. Recognizing
 - d. All true
- 11. Linguistic Performance is the use of such knowledge (i.e. linguistic competence) in theprocessing of sentences.
 - a. <u>Actual</u>
 - b. Virtual

- c. Internal
- d. external

12. Error and mistake are:

- a. The same
- b. Not the same
- c. Only found in native's language
- d. All false

13.happens because of linguistic competence.

- a. <u>Error</u>
- b. Mistake
- c. Both
- d. Neither

14. When a person has the linguistic competence but he produces a wrong utterance, we call this:

- a. Error
- b. Mistake
- c. Both
- d. Neither

15. Native speakers make:

- a. Errors
- b. Mistakes
- c. Both
- d. Neither

2nd lecture

- 1. An important fact is that Language processing is subconscious. Language processing consists of:
 - a. Listening
 - b. Speaking
 - c. <u>Both</u>
 - d. Neither
- 2. Another important fact is that, since language processing is a mind-internal process, it is mostly.....
 - a. Observable
 - b. Not physically observable
 - c. Wrong
 - d. Right

- 3. We can't see how the mind combines words to produce sentences. To overcome the inability of observing hidden linguistic processes, psycholinguistics guess the hidden mental process by analyzing......
 - a. The observable behavior
 - b. The hidden behavior
 - c. Both
 - d. Neither

4. One way to study language processing is by studying

- a. Slips of the tongue. (morphemes & the mind).
- b. Vocabulary experiments (e.g. lexical decision, the priming paradigm).
- c. <u>Both</u>
- d. Neither

5. Slips of the tongue involve exchanging morphemes within.....

- a. A word
- b. A syllable
- c. <u>A sentence</u>
- d. All false

6. Which of the following is a slip in the tongue?

- a. Sad ballad
- b. I'd forgot aboutten that
- c. Easy enoughly
- d. <u>All true</u>

7. Slips of the tongue are....

- a. Just random useless mistakes
- b. Tell us about how language is processed in the brain
- c. Proofs that a language is difficult
- d. All true

8. Slips of the tongue tell us that

- a. We plan our speech before uttering it.
- b. Morphemes function independently from words during sentence planning.
- c. <u>Both</u>
- d. Neither

9. Inside your brain, morphemes are recognized as.....entity.

- a. <u>Different</u>
- b. Similar
- c. Multi
- d. All false

3rd Lecture

- 1. Since language processing is mind internal and cannot be seen, psycholinguists are only interested in analyzing
 - a. Linguistic behavior
 - b. Linguistic processing
 - c. Brain function
 - d. All false
- 2. Words are organized in the brain..... they are organized in the dictionary.
 - a. Just the same way
 - b. Different than the way
 - c. In easier way than
 - d. All false

3. The tip of the tongue phenomena happens because lexical entries are grouped in the brain as

- a. A Library shelves
- b. Book content
- c. Alphabetically
- d. A complex network
- 4. This complex network is arranged according to.....
 - a. Words' shapes
 - b. Words' syllables
 - c. Words' sounds and meaning
 - d. All false
- 5. One of the following groups is organized in the same way lexical items are organized in the brain:
 - a. Fire engine, Fire fighter, Fire shooting
 - b. Bed, bird, birth
 - c. Bear, cat, fox
 - d. Canary, sing, yellow

4th Lecture

- 1. There are some vocabulary experiments which are widely used. One of these experiments is caked Lexical Decision Experiment and the other one is called......
 - a. Priming Experiment
 - b. Primary Experiment
 - c. Priority Experiment
 - d. Both B and C
- 2. A lexical decision experiment is conducted by askingto set in front of a computer and decide whether the

words will appear to him are real words or not.

- a. A beginner speaker
- b. An intermediate speaker
- c. An advanced speaker
- d. A native speaker

3. This decision must be taken......

- a. As slowly as possible
- b. As quickly as possible
- c. Without any limitation of time
- d. All possible

4. This experiment aims to measure (response latency). This means

• • • • •

- a. The time it takes the participant to decide
- b. The accuracy of the participant's responses
- c. The sequence of the participant's responses.
- d. All false

5. This experiment also aims to measure the response

- a. Clearness
- b. Vagueness
- c. Accuracy
- d. Efficiency

6. When designing this task, participants are usually tested on one set of stimuli against another one set of stimuli. This means that the test might include......

- a. (a noun VS noun)
- b. (a concrete word VS an abstract word)
- c. (a verb VS a noun)
- d. <u>B or C</u>

- 7. It has been found that it takes the participantsto press yes for words they know or frequently use.
 - a. Two seconds
 - b. One second and a half
 - c. One second
 - d. Half a second
- 8. For less frequently used words, it takes the participantsto press yes.
 - a. One quarter of a second
 - b. Two quarters of a second
 - c. Three quarters of a second
 - d. A second and a half

9. This happens due to what is so called.....

- a. The frequency effect
- b. The sequence effect
- c. The unknown phenomena
- d. All false

10. This experiment tells us that our minds access words.....

- a. Similarly
- b. Differently
- c. Both
- d. Neither
- 11. This experiment tells us that words are stored in the brain. During speaking, you recall the stored words but most likely you will recall the words that are.....
 - a. More frequently used by you
 - b. Easier to remember
 - c. <u>Both</u>
 - d. Neither
- 12. What we can infer from this experiment is that our mental lexions are probably organized in a way that our own words that we used oftento access.
 - a. Are ore difficult
 - b. Are not easier
 - c. Are easier
 - d. Are hard
- 13. Another type of vocabulary experiments is called (priming). Priming is considered asof lexical decision task.



- a. The opposite
- b. An alternative
- c. An extension
- d. A challenge

14. In this task, before the participant is asked to decide yes or no, the target word is preceded by another stimulus called the

.....

- a. Determiner
- b. Definer
- c. Prime
- d. All false

15. What is measured is the extent the prime influences the participant's lexical decision on the target stimuli. An example of this is.....

- a. (chair, seat)
- b. (bird, pigeon)
- c. (fruit, apple)
- d. <u>B and C</u>

16. This experiment tell that when the target word is preceded by a related word, the response is usually......

- a. 100 percent true
- b. 50% wrong
- c. Quicker
- d. Slower

5th Lecture

1. When we talk about the biological basis of language, we mean by biological here is that.....

- a. Language is built in our genes
- b. Language is like a human body
- c. Language is a branch of Biology
- d. All false

- 2. Lenneberg's made a criteria for determining whether a communication system is based in the biology of a species or not. These criteria are
 - a. Only for humans
 - b. Only for animals
 - c. Only for insects
 - d. For all of the above mentioned
- 3. One of Lenneberg's criteria for determining whether a communication system is based in the biology of a species or not is that The communication system has to be species specific. This means that the communication system is.....
 - a. Used by all species
 - b. Only used by specific species
 - c. Both
 - d. Neither
- 4. One of Lenneberg's criteria for determining whether a communication system is based in the biology of a species or not is that the communication system has to be universal to
 -members of the species.
 - a. Some
 - b. Majority of
 - c. <u>All</u>
 - d. Minority of
- 5. One of Lenneberg's criteria for determining whether a communication system is based in the biology of a species or not is that certain aspects of behavior and cognitive function for the system emerge only during......
 - a. Adulthood
 - b. Before birth
 - c. Infancy
 - d. All false
- 6. One of Lenneberg's criteria for determining whether a communication system is based in the biology of a species or not is that the behavior of the growing individual is adapted by.....

- a. The behavior of other individuals around him
- b. Self learning
- c. Both
- d. Neither

7. If we apply the criterean "Language is species specific" on animals, we can say that:

- a. Animals cannot talk
- b. Animals cannot be taught a human communication system
- c. <u>Both</u>
- d. Neither
- 8. If we apply the criterean "Language is universal" on humans, we can find that....
 - a. Infants are genetically prepared to acquire language
 - b. All human languages have universal properties (e.g. all languages have phonology, morphology, and syntax)
 - c. <u>Both</u>
 - d. Neither
- 9. If we apply the criterion "there is an age restriction for acquiring the first language" on humans, we can prove it by.....
 - a. The sounds a child starts to make.
 - b. The critical period
 - c. Both
 - d. Neither

10.is a linguistic competence of the first language which can only be achieved if the language is learnt before puberty.

- a. The first speech
- b. The early speech
- c. The critical period
- d. The late speech

11. If we apply the criterion "Language development is triggered by the environment", children will not ACQUIRE language if.....

- a. It is not accessible in their environment
- b. There is nobody to interact with them
- c. Both
- d. Neither

12. Language is based in the biology of humans, because......

- a. Language is species specific
- b. There are universal aspects of language
- c. There is an age restriction for acquiring the first language
- d. All of the previous items are correct

6th Lecture

1) Neurolinguistics is the study of theof language in the brain.

- a) Translation
- b) Interpretation
- c) Understanding
- d) Representation

2) The brain consists of

- a) Two sections
- b) Two hemisphere
- c) Three parts
- d) Three divisions
- 3) In the majority of people, the hemisphere that controls language is....one.
 - a) <u>The left</u>
 - b) The right
 - c) Both
 - d) Neither
- 4) The ... hemisphere is responsible for analogical thinking and reasoning.
 - a) Right
 - b) Left
 - c) Both
 - d) Neither

5) Randomness is processed byhemisphere.

- a) The right
- b) The left
- c) Both
- d) Neither

6) If there is a damage in the left hemisphere of the brain, it can lead

to.....

- a) <u>Aphasia</u>
- b) Illosia
- c) Aphexia
- d) All true

7) The language impairment caused by brain injury is called.....

- a) Illosia
- b) Aphasia
- c) Aphexia
- d) All true
- 8) There are two types of aphasia depending on the damaged area of the brain. One of these two types is called Broca's aphasia. It is also known as.....
 - a) Fluent aphasia
 - b) Non-fluent aphasia
 - c) Both
 - d) Neither
- 9) Broca is located inof the left hemisphere in the brain.
 - a) Occipital lobe
 - b) Frontal lobe
 - c) Temporal lobe
 - d) All possible
- 10) Broca is characterized by halting,speech.
 - a) Effortless
 - b) <u>Effortful</u>
 - c) Easy
 - d) Fast and easy

11) The other type of Aphasia is called "Wernicke's aphasia" which is also known as.....

- a) Full aphasia
- b) Non-fluent aphasia
- c) Fluent aphasia
- d) A and B

12) Wernicke's aphasia is characterized by fluentstrings.

- a) Meaningful
- b) Useful
- c) Understood
- d) Meaningless
- 13) Wernicke's aphasia is caused by damage involving *Wernicke's* area in the temporal lobe of
 - a) The left hemisphere
 - b) The middle hemisphere
 - c) The right hemisphere
 - d) B and C
- 14) A person who is a patient of Alzheimer most likely has
 - a) Broca's aphasia
 - b) Memory aphasia
 - c) Awareness aphasia
 - d) Wernicke's aphasia
- 15) The left hemisphere of the brain controls the right side of the body, and vice-versa. This is called.....
 - a) The opposite control
 - b) Contra-lateral control
 - c) The reflected control
 - d) All false
- 16) The majority of people are right-handers because.....
 - a) Of religious beliefs
 - b) Language is in the left hemisphere
 - c) It is easier for humans to use the right sides
 - d) All false

Lecture 7

1. LAD can be defined as: a property of the's brain that gives it a tendency for acquiring language.



- a. Human
- b. <u>Child</u>
- c. Adult
- d. Teenager

2. LAD is....

- a. External
- b. <u>Internal</u>
- c. Both
- d. All false

3. Hearing begins to develop at aroundweeks of pregnancy.

- a. 8
- b. 16
- c. <u>18</u>
- d. 20

4. The fetus starts to respond to auditory stimulation

- a. Before the development of hearing
- b. Soon after the development of hearing
- c. During the development of hearing
- d. All possible

5. Human's sensitivity to language start even before birth. This statement.....

- a. Can be argued
- b. Cannot be argued
- c. I disagree
- d. All false

6. Infants (From birth to 12 months) have had access to the general prosody (the rhythm and intonation)....

- a. Before they were born
- b. After they were born
- c. Soon after they were born
- d. All false

7. Infants are able to recognize their mother's voice because....

- a. They can feel the special relation to their mothers
- b. They are innocent and smart
- c. They have had access to the general prosody
- d. All false
- 8. Most children start to discriminate many phonemic contrasts at this stage. This stage is
 - a. Before birth
 - b. Before birth and till 6 months of age



- c. From birth to 12 months
- d. All false

9. Infants start to babble after themonth.

- a. 1st
- b. 2nd
- c. 4^{th}
- d. 6th

10. Children spend a few months in the holophrastic stage. Holophrastic stage means....

- a. The stage of babbling
- b. The stage of walking
- c. One-word stage
- d. Two-words stage

11. Holophrastic stage is

- a. From birth to 12 months
- b. Before birth and up to 6 months
- c. From 12 up to 24 months
- d. All false

12. In the (one-word stage), a one word, such as milk, can be used to convey the meaning of

- a. Two words
- b. One word
- c. An entire phrase
- d. All false

13. Soon after the child leaves the holophrastic stage,

.....acquisition speeds up rapidly.

- a. Grammar
- b. Phonetics
- c. <u>Vocabulary</u>
- d. Articulation

14. In average, the child acquires from 4 to 8 new wordsin his/her pre-school years.

- a. <u>Everyday</u>
- b. Every week
- c. Every month
- d. Every three days

Lecture 8

- 1. At the age ofyears, children can take turns in conversations and maintain a topic over a limited number of conversational turns.
 - a. 2-3
 - b. 3-4
 - c. <u>8-9</u>
 - d. All false
- 2. People acquire a mature ability to converse for the exchange of information in
 - a. Early childhood
 - b. Late childhood
 - c. Both
 - d. Neither

3. Communication skills are mastered at....

- a. The age of 5
- b. The age of 6
- c. The age of 10
- d. At different ages
- 4. Difference in communication skills can also be found across adult speakers of a language.
 - a. <u>I agree</u>
 - b. I disagree
 - c. I don't know
 - d. All false
- 5. In a later stage of language acquisition, people become aware that language is not just a means of communication, but also an object (e.g. the ability to perceive speech as a string of phonological units). This is called.....
 - a. Meta-linguistic awareness
 - b. Meta-linguistic recognition
 - c. Linguistic competence
 - d. All false
- 6. There arebetween first and second language acquisition.
 - a. Similarities
 - b. No similarities
 - c. Absolutely no differences
 - d. All false

7. Yet, there are limitations to SLA such as:

- a. Slower pace of acquisition, as compared to first language acquisition.
- b. Ultimate attainment
- c. <u>Both</u>
- d. Neither

8. Ultimate attainment means....

- a. The ability to acquire the second language as natives
- b. The learning of the second language stops in some stages
- c. Both
- d. Neither
- 9. People start to develop discourse ability in their late childhood, this includes:
 - a. Taking turns in conversations
 - b. Crying to express anger
 - c. Laughing to express joy
 - d. None of the previous is correct

Lecture 9

If you are a bilingual speakers but you are consulting only one of the grammars of the two languages, then you are inmode.

- a. <u>Unilingual</u>
- b. Bilingual
- c. Both
- d. Neither
- 2. Unilingual mode leads to production in.....
 - a. One of the two languages
 - b. Two languages
 - c. A third language
 - d. All true
- 3. When the bilingual's two languages are being used in the same conversation, the speaker has access to both grammars and lexical items from both languages. In this case, the speaker is in mode
 -mode
 - a. Unilingual
 - b. <u>Bilingual</u>
 - c. Both
 - d. Neither

4. Bilingual mode may lead to

- a. Confusion
- b. Code-switching
- c. Coding-encoding
- d. All false
- 5. Code-switching is switching between two languages in conversation.
 - a. <u>One</u>

- b. Two
- c. Three
- d. Four
- 6. Speech production has two main stages. The first one is Planning, and the other one is called....
 - a. Over-planning
 - b. Back planning
 - c. Actual production
 - d. Virtual production
- 7. Planning has stages. When a word can be retrieved using two kinds of information: meaning or sound and the speaker selects the appropriate word to the conversation, this stage is called.....
 - a. Building simple sentence structure
 - b. Creating agreement relations
 - c. Accessing the lexicon (lexical retrieval)
 - d. A and C
- 8. Grammatical encoding: Building a linguistic structure for the intended meaning. This stage of planning is called.....
 - a. Building simple sentence structure
 - b. Creating agreement relations
 - c. Accessing the lexicon (lexical retrieval)
 - d. Preparing a phonological representation
- 9. Subject-verb agreement is an example of a stage of planning called.....
 - a. Building simple sentence structure
 - b. Creating agreement relations
 - c. Accessing the lexicon (lexical retrieval)
 - d. A and C
- 10. Creating complex, multi-clausal sentences is a stage of planning called....
 - a. Building simple sentence structure
 - b. Creating agreement relations
 - c. Building complex sentence structure
 - d. Accessing the lexicon (lexical retrieval)

11. The mental representation of a sentence that serves as input to the systems responsible for articulation (speech, writing, or gestures) is phonological. This stage of planning is called....

- a. Preparing a phonological representation
- b. Building simple sentence structure
- c. Creating agreement relations
- d. Accessing the lexicon (lexical retrieval)

12. After the speech is planned, the brain gives instructions to

(, ,) to produce speech

- a. Vocal tract
- b. Lungs
- c. Tongue
- d. All the mentioned speech organs

13. Lexical retrieval is

- a. A stage in language perception
- b. A stage in language production
- c. A vocabulary experiment
- d. None of the previous is correct

- 1. Knowledge of the phonemic inventory of a language is necessary for.....
 - a. Teaching
 - b. Learning
 - c. Thought
 - d. Perception
- 2. It is easier for beginning language learners to understand material with subtitles than listening to them. This happens because.....
 - a. Native speakers talk is difficult to understand
 - b. Our ears are not ready yet to get it
 - c. Beginners are familiar with the phonemic inventory
 - d. A and C
- 3. The perception system isbecause it uses additional information to the signal, such as lip movement, in the perception of speech.
 - a. Complicated
 - b. Vertical
 - c. Horizontal
 - d. Constructive
- 4. The process of using the acoustic signal (i.e. phonemes) to understand speech is called.....
 - a. Top-down processing
 - b. Button-up processing
 - c. Both
 - d. Neither
- 5. The process of using contextual information to understand speech.(e.g. sandstorm.. ".... windows") is called....



- a. Top-down processing
- b. Button-up processing
- c. Both
- d. Neither

6. A language is not just phonemes. There are alsoinformation in the signal.

- a. Vague
- b. Clear
- c. Super-natural
- d. Suprasegmental

7. Examples of supersegmental information is...

- a. Stress
- b. Variations in duration
- c. Amplitude (loudness)
- d. All of the above mentioned

8. Super segmental information can affect.....

- a. Speech perception
- b. Speech production
- c. Acquisition
- d. All false

9. The writing system of a language is called....

- a. Writhography
- b. Orthography
- c. Percepography
- d. All false

10. Researchers have found thatplay an important role in the perception of written texts.

- a. Phonology
- b. Orthography
- c. <u>Both</u>
- d. Neither

11. Knowledge of the phonemic inventory of a language is

- a. Not necessary for perception
- b. Necessary for perception
- c. Necessary for production
- d. Both B and C



- 1. Lexical decision experiments (lexical decision tasks and priming) are used to test the brain's access toitems.
 - a. Syntactic
 - b. Semantic
 - c. Lexical
 - d. Morpholgical
- 2. Known words are to access than unknown words.
 - a. More difficult
 - b. Likely more accurate
 - c. Easier
 - d. All false
- 3. There are two types of words which can't be found in the dictionary. The first is Possible non-words and the second is Impossible non-words. To be a possible non word means....
 - a. It can't be added to the dictionary
 - b. It can be added to the dictionary
 - c. When you read it you think it is English but it is not.
 - d. <u>B and C</u>
- 4. The main difference between (possible) and (Impossible) nonwords is that (possible) words do notthe phonotactics (phonological rules) of the language.
 - a. Comply with
 - b. <u>Violate</u>
 - c. Follow
 - d. Agree with

5. Words like (ranp, floth) are.....

- a. Impossible
- b. <u>Possible</u>
- c. Both
- d. Neither

6. One of the following words is NOT impossible:

- a. Trjaz
- b. <u>Droy</u>
- c. Shlkal
- d. Zner

- 7. Brain imaging experiments measuring blood flow in the brain show that the active areas when exposed to possible non-words areto the areas activated when exposed to impossible non-words (Petersen et al 1990).
 - a. Similar
 - b. <u>Different</u>
 - c. Comparable
 - d. All false
- 8. If the derived form (e.g. teacher) is created by adding a morpheme (i.e. -er) to a stem (teach), the morpheme must be removed before the stem is accessed. This is called.....
 - a. Morpheme stripping
 - b. Morpheme isolating
 - c. Morpheme activation
 - d. All false
- 9. In other words, the bound morpheme isbefore the lexicon is accessed.
 - a. Kept
 - b. <u>Removed</u>
 - c. Emphasized
 - d. All false

10. A word's cohort consists of all the lexical items that shareof phonemes (e.g. click clip, cliff).

- a. The same sounds
- b. An initial sequence
- c. A set of
- d. All false

11. The cohort model of lexical access provides an explanation for the quickof words during perception.

- a. Arrangement
- b. Establishing
- c. Alteration
- d. Recognition
- 12. The idea of cohort could be called.....



- a. Neighborhood density
- b. Neighborhood similarity
- c. Neighborhood entity
- d. All false

13. A word's neighborhood consists of all the lexical items that aresimilar.

- a. Logically
- b. Alphabetically
- c. Nearly
- d. Phonologically
- 14.Before lexical retrieval, bound morphemes are
a. Kept
 - b. Removed from the word they are bound to
 - c. Only kept if they are derivational morphemes
 - d. Only kept if they are inflectional morphemes

- 1. Psycholinguists think that hearers systematically compute syntactic structure while processing sentences. This means that syntactic units (e.g. subject NPs and predicate VPs) are labeled by.....
 - a. The speaker during his talk
 - b. The listener inside his brain
 - c. Both
 - d. Neither
- 2. During listening, your mind "cuts" the received auditory input into clauses (segments). This is called....
 - a. <u>Clause boundary</u>
 - b. Clause identifier
 - c. Clause cutter
 - d. Clause ambiguity

- 3. When we have one sentence with more than one meaning, we call this.....
 - a. Double meaning
 - b. Complicated structure
 - c. Structural ambiguity
 - d. A and B
- 4. Often, an ambiguous sentence can be disambiguated when.....
 - a. Explained by the speaker
 - b. Understood by the listener
 - c. Put into context
 - d. Interpreted

5. During the process of perception, the brain works like.....

- a. A parser
- b. An analyzer
- c. A predictor
- d. Either A or B is right

- a. Inside
- b. Out of
- c. Together with
- d. All false

7. There are properties of the parser:

- a. It prefers simple structures rather than complex structures
- b. It computes relationships between words rapidly and efficiently
- c. It breaks down complex sentences to simpler sentences
- d. All true

8. When we have some syntactically wrong sentences, the parser responds......

- a. Similarly
- b. Differently
- c. Regularly
- d. Naturally

9. One function of the syntax is to move elements of a sentence around. An element that has been moved is called

- a. A filling
- b. <u>A filler</u>
- c. A replaceable
- d. A gap

10. An element that has been moved has leftat its original position.

- a. A filling
- b. A filler
- c. A replaceable

d. <u>A gap</u>

- 11. Look at this example:
- 12. Mike drove the red car
- 13. Which car did Mike drive ?
- 14. The filler here is....
 - a. Mike
 - b. Which car
 - c. Drive
 - d. Did

15. In order to create structures that represent sentence meaning, when it encounters a filler, the parser must identify the location for its.....

- a. <u>Gap</u>
- b. Filler
- c. Both
- d. Neither

16. Pronouns refer to noun phrases, the job of the parser is to locate whichthese pronouns refer to.

- a. <u>NPs</u>
- b. VPs
- c. PPs
- d. All true
- 17. The parser.....
 - a. Computes relations between words
 - b. Prefers simple structures
 - c. Responds to morpho-syntactic violations differently
 - d. All of the previous items are correct

- 1. There are types of information available to the parser which help it form a mind-internal structure of the signal. These types are the following EXEPT.....
 - a. Lexical
 - b. Prosodic
 - c. <u>Linguistic</u>
 - d. Non-linguistic.
- 2. The direct input to the parser is a set of words ordered linearly (one after the other); the parser's job is to figure out how these words are related



- a. <u>Hierarchically</u>
- b. Horizontally
- c. Numerically
- d. Orally

3. Lexical material provide the parser with......

- a. Semantic information
- b. Lexical material can contain morphosyntactic information
- c. <u>Both</u>
- d. Neither

4. Prosody is theof a sentence.

- a. Intonation
- b. Phrasing
- c. <u>Both</u>
- d. Neither
- 5. Non-linguistic information (such as real-world knowledge) helps the listener inthe signal.
 - a. Receiving
 - b. Sending
 - c. Understanding
 - d. Altering

6. Which of the following helps the listener in perceiving the signal:

- a. Lexical information
- b. Prosody
- c. Non-linguistic information
- d. All the previous items are correct

Lecture 14

1. What determines the amount of knowledge necessary for successful engagement with a discourse is.....

- a. Its topic
- b. Its participants
- c. Its context and function
- d. All of the above mentioned
- 2. There are two types of memory: Working memory and Long-term memory. The...... memory plays a key role in sentence processing.
 - a. <u>Short term</u>
 - b. Long term
 - c. Both
 - d. Neither

- 3. Just and Carpenter (1992) showed that people with low memory spans havedifficulty with subject-object relative clauses than do people with high memory spans.
 - a. Less
 - b. More
 - c. Zero
 - d. All false
- 4.important things happen to sentences when they get stored in long-term memory.
 - a. Two
 - b. <u>Three</u>
 - c. Four
 - d. five
- 5. The first important one happens to a sentence when get stored in the long term memory is that information about structure and even individual lexical items is.....
 - a. Retained just like the meaning
 - b. Lost, while meaning is retained
 - c. Both
 - d. Neither
- 6. The second important one happens to a sentence when get stored in the long term memory is that meanings of many sentences are..... so individual sentences no longer have independent representations.
 - a. Split
 - b. Combined
 - c. Corrected
 - d. Refused
- 7. The third important one happens to a sentence when get stored in the long term memory is that inferences are
 -representations of meaning.
 - a. Added to
 - b. Cut from
 - c. Put away from
 - d. All false
- 8. An anaphor is a linguistic device that refers to someone or something thatmentioned in the previous context.

- a. Is
- b. Will be
- c. <u>Has been</u>
- d. Will never be
- 9. An anaphor can be.....
 - a. A pronoun
 - b. A noun phrase

- c. A phrasal verb
- d. Either A or B

10. Working memory is:

- a. Long-term memory
- b. <u>Short-term memory</u>
- c. Short-term and long-term memory
- d. None of the previous is correct



ترجمة المحاضرات ١-١٤ تجدونه على هذا الرابط:

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الواجب الاول ٧/٣٢٠٢

: السؤال الاول Psycholinguistics studies:

A. how language is represented and processed in the mind

B. how language affects your psychological well being

C. how different languages can be learned

D. how words are organized in a dictionary

السؤال ٢

A (intended) You have wasted the whole term.

B (said) You have tasted the whole worm.

Sentence B is an example of:

A. a slip of a tongue

B. a syntactic error

C. a parsing problem

D. a priming effect

السوال ٣

Lexical Decision is

- A. a method used to understand how words are represented in the mind
- B. a method used to organize words in a dictionary
- C. a method used to analyze words using a computer
- D. a method used to measure how many word are in the brain

الواجب الثاني د. المحبوب ٢٠١٣/٧

- 1-Event-related potentials (ERPs) is an experiment that:
- A. measures electrical activity in the brain
- B. measures the potential to learn a language
- C. measures the speed of someone's speech
- D. measures the time of a learning event

2-Bottom-up processing is:

A. a phonetic analysis used to relate sounds to items in the mental lexicon

B. a morphological analysis used to relate sounds to items in the mental lexicon

C. a syntactic analysis used to relate sounds to items in the mental lexicon

D. a semantic analysis used to relate sounds to items in the mental lexicon

3-The psycholinguistic study of morphological processing:



A. seeks to understand how morphological principles play a role in the representation of words in the mind

B. seeks to create a computer programs that work as word processors

C. seeks to analyze words and phrases in the sentences with speech errors

D. seeks to understand how computer word processors can be used to enhance language acquisitio

الواجب الثالث لعام د. المحبوب ٢٠١٢/١١

:Postlexical decomposition occurs when

- both the whole-word form and its constituent morpheme are automatically activated ()
 - the lexical item is analyzed in a reverse method O
 - both prefixes and suffixes are identified simultaneously O
 - the lexical item in the in the mental lexicon is scanned for inflectional morphemes O

:Prelexical decomposition occurs when

- morphological decomposition occurs first and whole-word access occurs second 📀
 - the lexical item is analyzed in a reverse method O
 - both prefixes and suffixes are identified simultaneously O
- the lexical item in the in the mental lexicon is scanned for inflectional morphemes O

: The horse raced past the barn fell" The sentence above is an example of

- a Garden Path sentence 💿
- an ambiguous sentence O
- a sentence in the deep structure O
 - a Mathematical sentence O

: A preverbal message refers to

- the speaker's intention to communicate an idea 💿
- the speaker's intention to express a verb in a sentence O
 - the speaker's ability to associate verbs to actions O
- the speaker's ability use hand and body gestures while communicating O



بالتوفيي للجميع أخوووكم / طالب ١٤٢٨