

Introduction to Language and Mind (Midsem)
HS3012

Section A

Multiple Choice Questions (1X10=10) carry 1 mark each.

1. Which part of the human brain is most associated with language production?
 - a) Occipital lobe
 - b) Broca's area
 - c) Hippocampus
 - d) Cerebellum
2. What is the role of 'Wernicke's area' in the human brain?
 - a) Muscles of speech
 - b) Pain and hunger
 - c) Written & spoken language comprehension
 - d) Eye movement & Orientation
3. Logical problem of language acquisition: *"How do we know so much given so little?"*
 - a) Charles Darwin
 - b) Mark Crimmins
 - c) Plato
 - d) Einstein
4. Noam Chomsky (1928) renamed grammar as?
 - a) F-language
 - b) E-language
 - c) M-language
 - d) I-language
5. Who said, *'All human children are biologically hardwired to learn a language.'*
 - a) Ray Jackendoff
 - b) George Lakoff
 - c) Noam Chomsky
 - d) B.F Skinner
6. Which gene is responsible for language impairment in humans?
 - a) ALPHA-2
 - b) FOXP-2
 - c) FOXP-3
 - d) ADCY-5
7. _____ area is adjacent to the area that controls motor movements of the vocal tract.
 - a) Wernicke's area
 - b) Broca's area
 - c) Frontal lobe
 - d) Temporal lobe
8. In _____ year, it was found that Broca's aphasics have difficulty understanding too.
 - a) 1983
 - b) 1958
 - c) 1977
 - d) 1970

9. Damage in the corresponding right hemisphere shows little effect on _____.
- Hearing
 - Speech
 - Vocal chords vibration
 - Nasal cavity
10. _____aphasics are fluent. They are in a rush and use several words. But have a difficulty understanding them and making sense.
- Anomic aphasics
 - Conduct aphasics
 - Wernicke's aphasics
 - Broca's aphasics

Section B

Short Answers (2X5=10). Write 5 answers with **2 marks** each. Answer in 50-70 words.

1. Define the concept of a "(LAD) language acquisition device"?
2. What is the "critical period hypothesis"?
3. How do children acquire language through patterns? Discuss with examples.
4. Define mental grammar?
5. Discuss innateness and innate capacity in children?
6. Define linguistics and its allied areas?

Section C

Analytical/Descriptive (1X10=10). Write any **1 answer** of **10 marks**. Answer in 200-250 words.

1. How do children acquire language through LAD, UG and KoL? Discuss details with suitable examples.
2. How do language and mind complement each other? Connect linguistics with cognitive sciences?