

Marks: 10

Please answer all questions. Use the OMR sheet provided separately to submit your answers. Follow instructions on the OMR sheet to choose the correct answers. If negative marking is applicable, it will be indicated in the question itself, otherwise it does not apply.

Please review the Honour Code below:-

As a student of IIT Delhi, I will not give or receive aid in examinations. I will do my share and take an active part in seeing to it that others as well as myself uphold the spirit and letter of the Honour Code.

1. If a consequent in a material implication evaluates to False, and the antecedent is true, then the statement evaluates to:- [5]
 - A. True
 - B. False**
2. Representational theories of meaning will posit mental representations as mediating between [5]
 - A. two layers of concepts
 - B. concepts and language
 - C. language and reality**
 - D. concepts and reality
3. A triadic model of the sign was proposed by Saussure [5]
 - A. True
 - B. False**
4. The phonological level studies language at the level of [5]
 - A. spectograms
 - B. similar varieties and dialects
 - C. word formation
 - D. sound systems**
5. The following sentences contain some nouns, some of which are underlined. Which of the underlined nouns are being used to refer. [5]
 - a Our flight was late by three hours at Delhi Airport
 - b All our wishes came true
 - c Ricardo is a painter
 - A. a, b and c
 - B. a and c**

- C. **a**
 D. b
 E. None
6. Concepts such as furniture → table represent a _____ relationship in a semantic network [5]
 A. synonym → antonym
 B. hyponym → hypernym
 C. synonym → hypernym
 D. **hypernym → hyponym**
7. A hypothetical language has only three categories for colour terms: red, white and black. The idea that its speakers cannot really distinguish between colours other than these three—even though they may be perceived by the human eye is known as [1]
 A. linguistic ambiguity
 B. **linguistic determinism**
 C. linguistic relativity
 D. linguistic relatability
8. In the following pair of sentences, what is the nature of the relation between the two ? [5]
 • Billy still speaks German
 • Billy spoke German in the past
 A. entailment
 B. material implication
 C. **presupposition**
 D. contradiction
9. Given the examples below, choose the right options for the mode of the sign [1]
 a A sign post with a direction
 b The US National flag
 c the sound of thunder
 d a portrait of King Charles
 e the Arabic script
 A. two iconic, two indexical, one symbolic
 B. three indexical, two symbolic
 C. **one iconic, two indexical, two symbolic**

- D. two iconic, three indexical
10. Which semantic relation captures the relationship between the two sentences: [5]
1. Bilbo repaired the van
 2. The van was repaired by Bilbo
- A. negation
 - B. presupposition
 - C. contradiction
 - D. entailment**
11. While Pormpuraawans have an east-west alignment of time, people speaking other languages could have a left-right or right-left alignment. [5]
- A. True**
 - B. False
12. Which of the following captures the meaning of *John is not in Paris and he will not see the Eiffel Tower* [1]
- A. $\neg (p \vee q)$**
 - B. $\neg p \vee \neg q$
 - C. $p \wedge q$
 - D. $\neg p \vee q$
13. If a general wears five stars on his uniform then it is a type of ----- sign [5]
- A. iconic
 - B. indexical
 - C. symbolic**
 - D. none of these
14. Delhi is polluted if and only if it's winter. Choose the right logical connective that connects these two propositions. [1]
- A. \rightarrow
 - B. \vee
 - C. \wedge
 - D. \leftrightarrow**
15. The distinction between sense and reference was proposed by – [1]
- A. Fodor
 - B. Frege**
 - C. Saussure
 - D. Russell