

[This question paper contains 3 printed pages.]

Your Roll No.

6590

B

B.Sc. (Hons.) Computer Science / I Sem.

Paper 105—LANGUAGE : FORM AND FUNCTION

(Admissions of 2001 and onwards)

Time : 3 Hours

Maximum Marks : 75

(Write your Roll No. on the top immediately on receipt of this question paper.)

Attempt *All* questions.

Parts of a question must be answered together.

Section A

5×5=25

1. Briefly discuss the notion that language is a rule governed activity.
2. Define the universal communication model.
3. How does human communication differ from animal communication ?
4. What is relationship between a phoneme and its allophones ?
5. Comment on the various word formation processes.

[P. T. O.]

Section B

5×10=50

6. What are phrase structure rules and how are they different from transformational rules ?

Or

Discuss with examples the relationship between deep structure and surface structure.

7. Write a short note on Artificial Intelligence.

Or

Distinguish between *antonymy*, *synonymy* and *homonymy*.

8. Elaborate on the manner and place of articulation in the context of articulation of sounds of a language.

Or

Discuss with suitable examples the relationship between a morpheme and its allomorphs.

9. What is meant by **Understander Systems** ? Explain with reference Eliza and Pragma.

Or

Discuss the articulatory parameters for classifying vowels.

10. Write brief notes on any *two* of the following :

- (i) Language and power
- (ii) Politeness
- (iii) Man-machine interface
- (iv) Syntagmatic and paradigmatic relations.