

No. of Printed Pages : 3

**BTTS-183**

**B. A. (GENERAL)**

**(BAG)**

**Term-End Examination**

**June, 2025**

**BTTS-183 : AN INTRODUCTION TO MACHINE  
TRANSLATION**

*Time : 2 Hours*

*Maximum Marks : 50*

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**Note :** *The question paper is divided into two Sections – Section A and Section B. Section A pertains to short answer type questions and Section B pertains to long answer type questions.*

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**Section—A**

**Note :** *Attempt any **five** questions from this Section in about **250** words each. 5×6=30*

1. Discuss the Linguistic theory of translation.

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2. Illuminate Marcus Tullius Cicero's contribution to principles of translation.
3. Explain Lexical database and discuss its subdivisions namely ontology, verbnet and frame database.
4. Write a note on Corpus creation and various types of corpora.
5. Briefly discuss different metrics used to evaluate Machine Translation (MT) systems.
6. What is Named Entity Recognition (NER) ? Discuss its role in Machine Translation.
7. Elucidate the classical approaches to machine translation.

### Section—B

**Note :** Attempt any **two** questions from this Section in about **400** words each.  $2 \times 10 = 20$

8. Write a detailed note on global attempts made for the development of MT systems.

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9. How are machine translation systems evaluated ? Discuss the advantages and limitations of Human and Automatic evaluation.
10. Illuminate the current scenario of multilingualism in India.

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