

B. A. (GENERAL)

(BAG)

Term-End Examination

June, 2025

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

Time : 2 Hours

Maximum Marks : 50

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.*

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.

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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