

No. of Printed Pages : 2

BTTS–183

B. A. (GENERAL) (BAG)

Term-End Examination

December, 2024

**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 questions and Section B pertains to long answer questions.*

Section—A

Note : *Attempt any **five** questions from this Section in about **250** words each.*

5×6=30

1. Write a note on Roman Jakobson and Linguistic Theory of Translation.
2. Explain the concept of bilingual corpora and their role in Machine Translation.
3. Discuss and exemplify the Indian Tradition of Translation.

4. Analyze the challenges posed by linguistic and cultural differences in translation.
5. What is Neural Machine Translation (NMT) ? Discuss the Encoder-Attention-Decoder Model in NMT.
6. Write a note on Language Demography and Status of Multilingualism in India.
7. List the early efforts for Machine Translation at the global level.

Section—B

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

8. What are the different metrics used to evaluate the quality of machine translation output ? List major differences.
9. List the pre and post-processing tools used in the domain of Machine Translation.
10. Illuminate Indian Research efforts in Machine Translation.

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