

**BACHELOR OF TOURISM AND  
TRAVEL MANAGEMENT  
(BFTTM)**

**Term-End Examination**

**June, 2026**

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

*Time : 2 Hours*

*Maximum Marks : 50*

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**Note :** Answer any *five* questions from Section–A  
in about **200** words and any *two*  
questions from Section–B in about  
**450** words each.

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**Section—A**

**5×6=30**

1. What linguistic and other challenges arise in translation from one language into another by a human ?
2. Discuss the major foundations of translation theory.

[ 2 ]

3. Elucidate Indian efforts in the development of Machine Translation systems.
4. Write a note on 'Aspects of Translation in Multilingual India'.
5. Exemplify various evaluation metrics which are used in Machine Translation.
6. Interpret the Vauquois' triangle.
7. Write a note on the utility of Corpora in Machine Translation.

**Section—B**

2×10=20

8. Write an essay on the Constitutional provisions of languages in India.
9. What are the major challenges in achieving quality Machine Translation ? Discuss.
10. How is Python programming language important for Natural Language Processing and data science ? Explain in detail.

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