

**QP CODE**

**Enrollment Number: .....**

**T5055**

**Name: .....**

**MA DEGREE EXAMINATIONS, MAY 2024**

**First Semester**

**M.A. Sanskrit Language and Literature**

**M23SN01AC – Computational Sanskrit**

**(2023 July admissions)**

**SECTION A**

**Answer any five of the following questions in two or three sentences each. Each question carries 2 marks**

1. What is SMT?
2. What is TDIL?
3. What is meant by E-Journal?
4. What is Sanscript?
5. What is meant by OCR?
6. What is Anuvadini?
7. What is Bhasha IME?
8. What is Syntax Parsing?

**(2X5=10)**

**SECTION B**

**Answer any Six of the following questions in one page each. Each question carries 5 marks.**

9. What is the use of Input Method Editor?
10. Mobile Application.
11. ISC II.
12. NLP tasks and Sanskrit.
13. Artificial Intelligence in Language.
14. Machine Translation
15. Morphological segmentation.

16. Technical terms and technical Languages of Paninian grammar.
17. Sanskrit E resources.
18. Transliteration tools.

**(5X6=30)**

### **SECTION C**

**Answer any two of the following questions in two pages each. Each questions carries 15 marks.**

19. Computational process of Paninian grammar.
20. Main Features of NLP.
21. Different techniques of MT systems.
22. Important Sanskrit computational tools.

**(15X2=30)**