M A DEGREE (CSS) EXAMINATION, NOVEMBER 2023

Third Semester

Faculty of Language and Literature

M A SANSKRIT SPECIAL (VYAKARANA)

CORE - SA050305 - NLP AND SEMANTIC CONCEPTS OF BHARTRUHARI

2019 ADMISSION ONWARDS

4EC9187A

Time: 3 Hours   Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. What is the necessity of NLP in Large scale analysis?

2. What is langauge analyser in NLP?

3. What does it mean by 'Computational Grammer'?

4. What is called 'Paradigm' in the process of morphological generation?

5. What are the reason to develop a suitable grammar formalism for free word order languages?

6. निष्पत्तिमात्रे कर्तृत्वं सर्वत्रैवास्ति कारके – विशदयत।

7. पत्ये शेते इत्यत्र सप्रदानत्वं कथम्

8. अधिकरण कारकस्य कर्मत्वं कदा –सप्रमाणं लिखत

9. सम्बोधनम् नाम किम्

10. क्रियाणां समुदाये तु यदैकत्वं विवक्षितम् - व्याख्यात।
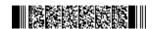
(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Introduce Language structure

12. Explain Parse structure

13. Explain morphological anlyser?

14. 2. कर्मविभागाः सोदाहरणं विशदयत।

15. आधारोऽधिकरणं- व्याख्यात

16. सप्रदानचतुर्थीमुपन्यस्यत

17. उपान्वध्याङ्वसः - सूत्रं व्याख्यात।

18. शेषाख्यसंबन्धं विशदयत।

<div align="right">(6×2=12 weightage)</div>

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Write an essay about the different steps involved in NLP

20. Write an essay on different kinds of modifier-modified structures

21. ईप्सितानीप्सितकर्मान् सोदाहरणं विशदयत।

22. प्रातिपदिकार्थलिङ्ग्परिमाणवचनमात्रे प्रथमा इति सूत्रं वाक्यपदीयदिशा विशदयत।

<div align="right">(2×5=10 weightage)</div>