



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Mid-Autumn Semester Examination 2022-23

Date of Examination: _____ **Session:** (FN/AN) _____ **Duration:** 2 hrs
Full Marks: 30 **Subject No. :** KS 20203 **Subject :** Paninian Grammar from Computational
Perspective Department/Center/School: Centre of Excellence for Indian Knowledge System
Specific charts, graph paper, log book etc., required - Nil Special Instructions (if any) : NIL

Q.I Select the Correct Alternative -

(11 marks)

1. Who composed the सूत्रs of Sanskrit Grammar?
a) पाणिनि b) कात्यायन c) पतंजलि d) None of these
- 2) Who composed the वार्त्तिकs?
a) पाणिनि b) कात्यायन c) पतंजलि d) None of these
- 3) Who composed the महाभाष्य?
a) पाणिनि b) कात्यायन c) पतंजलि d) None of these
- 4) In which of these texts do we find सूत्रs?
a) सूत्रपाठ b) उणादिसूत्रपाठ c) लिंगानुशासन d) All of these
- 5) In which of these texts do we find the rules related to determination of genders of words?
a) सूत्रपाठ b) उणादिसूत्रपाठ c) लिंगानुशासन d) All of these
- 6) In which of these texts do we find the rules related to the transformation that happens when roots and suffixes are combined?
a) सूत्रपाठ b) उणादिसूत्रपाठ c) लिंगानुशासन d) All of these
- 7) What is the meaning of the word 'वेद'?
a) The set of 4 books namely ऋग्वेद, यजुर्वेद, अथर्ववेद and सामवाद b) 'Knowledge' in general
c) both d) none
- 8) What is लक्षण in व्याकरण?
a) correct words b) rules leading to correct words c) features d) forms
- 9) This book is not written by पाणिनि
a) सूत्रपाठ b) महाभाष्य c) उणादिसूत्रपाठ d) लिंगानुशासन
- 10) व्याकरण helps in determining the correct _____
a) words b) sentences c) both d) none
- 11) The first 14 सूत्रs in पाणिनि's grammar are called as _____
a) माहेश्वरसूत्र b) अक्षरसमाम्नाय c) प्रत्याहारसूत्र d) All of these

Q.II Briefly explain the following terms in your own words (any 2) - (4 marks)

- a) प्रत्याहार b) लक्ष्य and लक्षण c) उत्सर्ग and अपवाद

Q.III Answer of the following questions (any three) -

(15 marks)

- a) Discuss the contents of the 5 books of पाणिनि.
 - b) Briefly explain the relevance of पाणिनि's endeavour due to which he came to be known as the first descriptive linguist.
 - c) Explain how the principle of economy is engrained in पाणिनि's व्याकरण.
 - d) What is धातुपाठ and how is it connected to the सूत्रपाठ?
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