

[illegible]

Category												
Dependency relation			12:k1			12:k7p			12:k2			0:main
Construction relation	3:op1	3:op2		6:mod	6:head		9:op1	9:op2		12:kriyAmUla	12:verbalizer	

- *rāma* and *sītā* are intra-sententially conjoined, thus, they are the components of a conjunction construction. Conjunction construction is represented as **[conj\_1]** and *rāma* and *sītā* are two operators (**op1 and op2**) of [conj\_1].
- There exists another intra-sentential conjunction in this sentence, *dūdha aura cāya* ‘milk and tea’. Thus, the complex concept of this construction gets **[conj\_2]**. *dūdha* and *cāya* are two operators of [conj\_2].
- *basa śṭapa* ‘bus stop’ is a noun compound, hence, gets the construction name with appropriate noun compound (samasa) analysis, i.e.- **[6-waw\_1]** here. Components of a noun compound have internal modifier-modified relation here, thus, they get mod and head relation in respect to the construction frame, i.e.- The complex concept.
- *pāna kiyā* is a complex predicate. The construction name is identified as **[cp\_1]** for the complex predicate with the **kriyAmUla** and **verbalizer** relations.
- The dependency relation of the construction is given to the complex concept. Thus, [cp\_1] gets 0:main and [conj\_1] gets k1, [conj\_2] gets k2 respectively.

*rāma aura sītā ne 29 agasta, 2024 dillī meṃ rohiṇī meṃ basa śṭapa para choṭā yā baḍā bhāī se 5 ghaṇṭe bāta kiyā*

Complex Concept Type	Example
Compound	<b>ūrjā vikiraṇa</b>

Complex Predicate	snāna kiyā
Measuring expression	10 ghaṇṭe, 6 phīṭa
Calendric expression	5 julāi 2020
Spatial expression	bhārata meṃ meghālaya rājya
Rate	80 kimī prati ghaṇṭā , prati do ghaṇṭe meṃ eka bāra
Span	1990 se lekara 2000 taka, aba taka
Conjunction (intra-sentential)	rāma aura mohana
Disjunction (intra-sentential)	roṭī yā kelā

## Noun Compound

- Noun Compounds consist of two or more nouns with the final noun head and other noun modifiers or two nouns in coordinating relation as two operators.
- Noun Compounds can be spaced or hyphenated.
  - [[kṛṣi prasāraṇa] udyoga]
  - gṛha-śikṣaka

## When NOT to consider as Noun Compound

- We do not consider a noun compound as a construction when it is written together as *vidyālaya* ‘school’.
- Compound Verb, i.e.- Verb + Light Verb
  - **kara ḍāl-ā**                      ‘do keep-past’
    - rām ne sārā kāma ekadina maiṃ *kara ḍālā*

‘Ram could do the whole work in one day’
- Multi Word Expression, i.e.- Reduplication or Phrasal expression, frozen expression etc. They are represented as one concept by joining with a ‘+’.
  - **cAroM+Ora\_4** ‘everywhere’
  - **mote+wora+para\_1** ‘generally’
  - **Asa+pAsa\_1** ‘around’

- **List of Noun compound**

Noun Compound Type	Example
karmaXAraya	
wawpurusha	2-tat <b>dhana prāpta</b>
	3-tat <b>cintā grasta</b>
	4-tat <b>guru dakṣiṇā</b>
	5-tat <b>śoka mukta</b>
	6-tat <b>dhūla-kaṇoṃ</b>
	7-tat <b>viśva vitarāṇa</b>
xvanxa	<b>peḍa-paudhoṃ</b>
vahuvr̥lhi	<b>[tāpa-abhāva]</b> kṣetra

## Complex Predicate

A complex predicate consists of a kriyāmūla and a kriyā or verbalizer. They are represented as two different concepts with specific concept ID and the complex concept [cp\_1] denotes their complex construction.

## Appendix

### Calendar Construction

- A calendar construction is consists of following elements in an order  
Year>Month>Date>Hour>Minute>Second
- Semantic Category row gives the semantic tag of each slot of the pattern.
- Relation among the components are given in the construction row as following  
Index of [calendar\_1]:component\_of

## Calendar Construction

Original Sentence	15 julāi 2020 somavāra rāma paidā huā thā 'Ram was born on 15th July, 2020.'							
Concept	15	julāi_1	2020	[calenda r_1]	rAma	paidā_1	ho_1-yā_ thā_1	[cp-1]
Index	1	2	3	4	5	6	7	8
Sem. Cat.	dom	moy	yoc	dow	per/male			
Dependenc y row				8:k7t	8:k1			0:main
Constructio n	4:compo nent_of	4:compon ent_of	4:compon ent_of			8:kriyAm Ula	8:verbaliz er	

## Spatial Construction

- A spatial construction shows the relation as a part-whole between the places as  
Whole place> place within
- The relation is shown as  
Index of [spatial\_1]: whole and Index of [spatial\_1]:part

Original Sentence	bhārata meṃ meghālaya rājya ke cūne kī śailom ke pradeśa meṃ raṃdhra dekhane ko milate haiṃ									
Concept	bhārata	meghālaya	rājya_1	[spatial_1]	cūnā_1	śaila_1	pradeśa_1	raṃdhra_1	dekha_1	mila_1- tā_ hāi_1
Index	1	2	3	4	5	6	7	8	9	10
Sem. Cat.	place	place								
Dependen cy row			2:rs	5:r6	6:r6	7:r6	10:k7p	10:k1	10:rt	0:main
Constructio n	4:whole	4:part								

Link to main guideline

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