# शिखागोविश्वविद्यालये <br> प्रारम्भिकसंस्कृतम् <br> FIRST-YEAR SANSKRIT <br> AT THE UNIVERSITY OF CHICAGO 



अल्धटाचार्योद्भावितः पाठकम : Designed by Andrew Ollett

# FUTURE PASSIVE PARTICIPLES krtyāh <br> 这 <br> <br> कृत्या: 

 <br> <br> कृत्या:}

## MORE VERBAL ADJECTIVES

We're going to introduce a new class of participles, or verbal adjectives. Remember that all participles are verbal in the sense that they are built from a verb and express a participant in the verbal action (generally the agent or patient), and adjectival in the sense that they modify another noun, with which they agree in gender, number, and case.

## MORE VERBAL ADJECTIVES

This class of verbal adjectives are called krtyas, or "future passive participles," or "potential passive participles," depending on who you ask. I will refer to them as krtyāh. They have two main characteristics, which their other names refer to:

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## KRTYĀ

* future/potential. The action they refer to has not yet taken place, but should, would, or could take place (hence these participles have all of the meanings of the optative).
* passive. The noun qualified by the participle is never the agent of the action, but always the patient (karman).
[We will discuss impersonal constructions later.]


## KRTYĀH

They can often be predicate adjectives:
एषा स्र्री पूज्या

This woman is to be honored.

## KRTYĀH

But they can also appear in other syntactic roles, in which case a relative clause will usually make sense in English translation:

> सर्वलोकै: पूज्यं राजानमपइयम्

I saw the king, who is to be honored by all people.

## KRTYÄH

Since these adjectives are passive in meaning, they will refer to the patient of whatever verbal action they express. The agent, if expressed, is put into the instrumental case, as usual:

सर्वलोकैः पूज्यं राजानमपरयम्
I saw the king, who is to be honored by all people.

## KRTYĀH

However, sometimes the genitive case is used to express the agent, especially if the adjective itself is in the instrumental case:

> वन्द्यै: पुंसां रघुपतिपदैरङ्कितम्
... marked with the footsteps of Rāma, which are to be venerated by men...

## IMPERSONAL CONSTRUCTIONS

Remember what we said about past passive participles: only transitive verbs (those that can take a patient) can really be passive, while intransitive verbs are actually active:

* पुरुषो हतः
* पुरुषः स्थितः "The man has stood" (sthā is intransitive)


## IMPERSONAL CONSTRUCTIONS

A krtya of an intransitive verb will refer not to the agent, but to the verbal action itself (bhāvē prayōgah.), and the agent must be expressed in the instrumental case. The verbal adjective will be in the neuter singular. Because the verb does not agree with a person in these constructions, they are called impersonal.

## IMPERSONAL CONSTRUCTIONS

# * आसितव्यं भवता 

* रायितव्यं भवता
"You should sit"
(*"it should be seated by you"
"You should lie down"
(*"it should be laid down by you"


## IMPERSONAL CONSTRUCTIONS

These constructions are especially common with bhū:

* तेन भवितव्यम्
* प्रथमेन भवितव्यम्
"It would have to be him."
"It would have to be first."


## FORMATION

The krtyāh adjectives are all primary verbal derivatives, formed directly from a verbal root with the addition of a suffix (just like past passive participles). Luckily all of them form simple adjectives ending in a short a (in the masculine and neuter) or long $\bar{a}$ (in the feminine).

## FORMATION

There is no real difference in meaning between any of these forms. Thus kāryah, krtyah, karaṇīyaḥ, and kartavyaḥ all mean "to be done."

## TAVYA (T)

The suffix Pāṇini calls tavya (or tavyaT) is just -tavya- added to the full grade (guṇáh) of the root:

| $\sqrt{\text { मन् }}$ | मन्तव्य- | "to be thought about" |
| :--- | :--- | :--- |
| $\sqrt{\text { गम }}$ | गन्तव्य- | "to be gone to" |
| $\sqrt{\text { कृ }}$ | कर्तव्य- | "to be done" |
| $\sqrt{\text { जि }}$ | जेतव्य- | "to be conquered" |
| $\sqrt{\text { नी }}$ | नेतव्य- | "to be led" |

"to be thought about"
"to be gone to"
"to be done"
"to be conquered"
"to be led"

## TAVYA(T)

Some roots take the augment $-i$ - between the root and the suffix:
$\sqrt{\text { भू }}$ भवितव्य-
"should be" [imp.]
$\sqrt{\text { विद }}$
विदितव्य- "to be known"
$\sqrt{\text { री }}$ रायितव्य- "should lie down" [imp.]
$\sqrt{\text { आस् आसितव्य- "should sit" [imp.] }}$
$\sqrt{\text { ग्रह् ग्रहीतव्य- "to be taken" }}$
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## (N) YAT

The suffix Pāṇini calls yaT is -ya- added to the full grade (gunáḥ) of the root.

$$
\begin{array}{lll}
\text { لलभ् } & \text { लम्य- } & \text { "to be obtained" } \\
\sqrt{\text { सहू }} & \text { सह्य- } & \text { "to be withstood" } \\
\sqrt{\text { गद् }} & \text { गद्य- } & \text { "to be recited" }
\end{array}
$$

## (N) YAT

When the root ends in a vowel, because the suffix begins with $y$, we encounter the guṇáh form that is usually seen before vowels:

$$
\sqrt{\text { श्रु }} \text { श्रव्य- "to be heard" }
$$

## (N) YAT

Also note that when the root ends in $\bar{a}$, this vowel is usually turned into $\bar{e}$ before the suffix:

$\sqrt{\text { हा }}$<br>हेय-<br>"to be avoided"<br>उप + आ $+\sqrt{ }$ दा<br>उपादेय-<br>"to be taken"

## (N)YAT

Some roots that end in $r$ or a consonant also take a version of this suffix (called NyaT) in which the root appears in the lengthened (vrddhiḥ) grade:

$$
\begin{array}{lll}
\sqrt{\text { पठ् }} & \text { पाठ्य- } & \text { "to be recited" } \\
\sqrt{क ृ} & \text { कार्य- } & \text { "to be done" }
\end{array}
$$

## KYАР

There is one other suffix ya, namely the one Pāṇini calls KyaP, before which the root stays in (or goes into) the zero grade.

$\sqrt{\text { शास् }}$

रिष्य-
"to be educated"

## KYAP

As with the converb suffix LyaP, a -t- is inserted between the root and the suffix if the root ends in a short vowel (most of the forms fit this pattern):

| $\sqrt{\text { कृ }}$ | कृत्य- | "to be done" |
| :--- | :--- | :--- |
| $\sqrt{\text { है }}$ | हृत्य- | "to be taken" |
| $\sqrt{\text { हन् }}$ | हत्य- | "to be killed" |
| $\sqrt{\text { स्तु }}$ | स्तुत्य- | "to be praised" |

## ANIYAR

Finally there is the suffix -anīya- which Pāṇini calls anīyaR, which takes a root in the full grade (guṇáh):
$\sqrt{\text { कृ }}$
करणीय-
$\sqrt{\text { वच }}$
वचनीय-
"to be done" [note nati!]
"to be said"


