1.2.11.1 - BagA#ya | Ruqtam | - Vaakyam - BagA#yaqrtam

‘ya’ is EkaSruti combined with Ruq udAttam becomes udAttam.

‘r’ does not acquire swaram so passed on to ya. ‘tam’ is udAttam.

1.4.43.2 - naqyaq | Ruqtasya# | - Vaakyam – nayaqrtasya#

SA+anudAttam = yaq+Ruq = anudAttam for yaq. ‘ta’ anudAttam.

1.5.1.3 - puqnaqrAqdheya#sya | Ruddhi$m |   
Vaakyam – punarAqdheyaqsyarddhim

‘sya’ ekasruti with Ru udAttam becomes udAttam.

The previous Swaritam for ya acquires anudAttam. Rddhim is swaritam.

1.5.2.2 - na | Ruqddhyate$ | vaakyam - narddhyate#

‘na’ udAttam with Ruq anudAttam – udAttam.

1.5.2.2 - aqsyaq | RuddhiH | vaakyam - aqsyarddhiH

‘ya’ SA+Ru udAttam = yar udAttam.

1.5.2.5 - eqva | RuqNaqyAt | vaakyam - eqvarNaqyAt

1.5.4.4 - eqva | Ruqdhnoqtiq || vaakyam – eqvarddhno#ti

‘va’ udAttam+ Ru support anudAttam = udAttam. So following ddhno becomes Swaritam.

1.5.9.6 - upa# | RuqcCaqtiq | vaakyam – upA$rcCati

‘pa’ Swaritam + Ru SA = swaritam

1.6.11.5 - Aqhaq | Ruqtava#H | vaakyam = ityA#haqrtava#H

1.8.13.2 - caq | RuqtaqpAH | cartaqpAH

SA+ES = ES.

1.8.18.1 - maiqtrAqvaqruqNAya# | RuqShaqBam | - maitrAvaruqNAya#r.ShaBam

‘ya’ Swaritam with RU support anudAttam = Swaritam.

kaqlpaqntAqm | Ruk | caq

kaqlpaqntAqm Rug Ruk-ka#lpantAm-kalpantAqm Ruk-ca# cark-kalpantAm-kalpantAqm Ruk-ca# - System output

issue is in Ruk | caq | caq | Ruk | kaqlpaqntAqm

First rough derivation: Ruk ca# car k

‘caq’ support anudAttam+ Ru udAttam = car udAttam

So it becomes Ruk caq cark (udAttam) ka#lpantAm acquires Swaritam after udAttam.

Ref output

kaqlpaqntAq mRugRuk ka#lpantAm kalpantAq mRukcaq cark ka#lpantAm kalpantAq mRukca# |

So carry the swaram of RU to give effect to previous letter. Ie a or A