

## The Notes (swaras) of Indian Classical Music

Shadja	Sa	S	achal or fixed reference
Rishabh	Ri or Ray	Shuddha R ; Komal <u>R</u>	
Gandhaar	Ga	Shuddha G ; Komal <u>G</u>	
Madhyam	Ma	shuddha M ; Teevra M'	
Pancham	Pa	P	achal or fixed
Dhaivat	Dha	shuddha D ; Komal <u>D</u>	
Nishad	Ni	shuddha N ; Komal <u>N</u>	
Taar Saptak	Shadja	Ṡ	

Lower octave (mandra saptak) notes written with a dot under the note.

Higher octave (taar saptak) notes written with a dot above the note.

Each octave has 7 pure or shuddha swaras and 5 altered or vikrit swaras, making a total of 12 notes, in the sequence:

... P D D N N S R R G G M M' P D D N N Ṡ Ṙ Ṙ Ġ Ġ ...

<-- mandra saptak    ← Madhya saptak    →    taar saptak -->

# Arrangement of Notes on the Indian Classical Flute (Bansuri)



Blowing hole

Playing holes (six)

S	●	●	●	○	○	○
<u>R</u>	●	●	◐	○	○	○
R	●	●	○	○	○	○
<u>Ṡ</u>	●	◐	○	○	○	○
Ṡ	●	○	○	○	○	○
m	◐	○	○	○	○	○
ṁ	○	○	○	○	○	○
P	●	●	●	●	●	●
<u>D</u>	●	●	●	●	●	◐
D	●	●	●	●	●	○
<u>N</u>	●	●	●	●	◐	○
N	●	●	●	●	○	○
Ṡ	●	●	●	○	○	○

# FLUTE EXERCISES(1)

Using the notes of raag Yaman, play the following sequences of notes many times over cyclically:

1. P. Ḍ Ṇ S R G M' P Ḍ Ṇ Ś Ṛ Ġ M'  
M' Ġ Ṛ Ś Ṇ Ḍ P M' G R S Ṇ Ḍ P.
2. P.P D.D N.N S.S R.R ... m'm'  
m'm' ĠĠ R̄R̄ ŚŚ ... P.P.
3. P.P.P D.D.D N.N.N ... m'm'm'  
m'm'm' ĠĠĠ R̄R̄R̄ ... P.P.P.
4. P.D D.N N.S S.R R.G ... R̄Ġ ĠM'  
M'Ġ ĠR̄ R̄Ś ŚN ND ... N̄D D̄P.
5. P.D.N D.N.S N.S.R S.R.G ... ŚR̄Ġ R̄ĠM'  
M'ĠR̄ ĠR̄Ś R̄ŚN ŚND ... S̄N̄D N̄D̄P.
6. P.D.N.S D.N.S.R N.S.R.G S.R.G.M' ... ŚR̄Ġ M'  
M'ĠR̄Ś ĠR̄ŚN R̄ŚND ŚNDP ... S̄N̄D̄P.

7. P.D DP DNND NSSN SRRS ... RGGG Gm'm'g  
 m'g'm' GR'G' R'S'R' ... NDDN DPPD P.

8. P.DN NDP DNS SND NSR RSN ... RGM' m'GR  
 m'GR RGM' GR'S SR'G' RSN NSR ... NDP PDN DP.

9. PDNS SNDP DNSR REND ... SRGM' m'GRS  
 m'GRS SRGM' GR'SN NSRG' ... SNDP PDNS NDP.

10. P.P DD NN SS DD NN SS RR NN SS RR GG ...  
 SS RR GG m'm' m'm' GG RR SS GG RR SS NN  
 RR SS NN DD ... RR SS NN DD SS NN DD PP.

11. PPP DDD NN DD NN DDD NNN SS NN SS ...  
 RRR GGG m'm' GG m'm' m'm'm' GGG RR GG RR  
 GGG RRR SS RR SS ... NNN DDD PP DD PP.

12. PD PD PD DP DN DN DN ND NS NS NS SN ...  
 Gm'Gm'Gm' m'g m'g m'g m'g m'g GR GR GR RG  
 RSRSR'SR ... DPPDP DP P.

RAAG YAMAN

aroh: N R G m' D N S

avaroh: S N D P m' G R S

Jaati: Sampooran

Thaat: Kalyan

Vadi / samvadi: G N

Nyas: S, G, P, N

Time: First quarter of night (6-9 PM)

Pakad: N R S N D N R G G R N R m' m' G

m' G R S N R G m' P m' P m' D P G m' D N D N S

N D N R S S N D P m' P m' G m' G R S N R S

SARGAM IN TEEN TAAL (16 BEATS / CYCLE)

sthai

0 m' N D P - m' G m' X P - G R N R S -

N D N R G m' D N S N D P m' G R S

Antara

m' G G m' - m' D N S - S S N R S -

N R G R N R S - S N D P m' G R S

RAAG HINDOL

aash: S G ṁ D N D Ṡ

avaash: Ṡ N D ṁ G ṁ G S

jaati: oudav

thaat: Kalyan

vadi/samvadi: D, G

varjit swar: R, P

time: Day, first quarter (6-9 Am)

ang: uttarang pradhan

nyas: G, D, Ṡ; use N sparingly

pakad: S G, ṁ D N D, Ṡ D, ṁ G S, D S

SARGAM in Jhaptaalx  
ṁ D G ṁ G Ṡ S D S S

G ṁ G ṁ D ṁ D N D Ṡ

Ṡ Ṡ Ġ Ġ Ṡ ṁ Ġ Ṡ Ġ Ṡ

Ṡ N D ṁ D ṁ G ṁ G S

RAAG HAMSADHAWANI

aash: S R G P G R G P N S

avaash: S N P G R S

jaati :: omdav

thaat : Bilaval

vadi/samvadi : S, P Nyas: S, G, P, N

varjit swar : M, D

time : first quarter of night (6-9 pm)

ang : uttarang pradhan

Pakad: S, G R, S N P, N S, P N S G R,  
 G P G R, N P G R, P G R S, S, G R,  
 G P N S, G R S, R G R, N P G R, S

SARGAM in EktadX  
G P N R N P G S R G R -

N P N S R P G P G R S -

P G P G R G P N S N S -

P N R G R N P G P G R S

RAAG BHOO PALI

aash: S R G P D Ṡ

avaroh: Ṡ D P G R S

jaati: audav

thaat: Kalyan

vadi / samvadi: G, D

varjit swar: m, n

time: first quarter of night (6-9 PM)

ang: poorvang pradhan

nyas: S, G, P, D

pakad: S D S R G R S, R D S,

S D P, P D S R G R S

Sargam (teentaal)sthaiS D S R G R S R<sup>x</sup> P - G R G R S -

G G P P D D P P G R G P G R S -

antara

G G G G P P D P Ṡ - Ṡ Ṡ Ṡ Ṙ Ṡ -

Ṡ Ṙ Ġ Ṙ Ṡ Ṙ Ṡ D P Ṡ D P G R S -



FLUTE EXERCISES (2) (Pandit V.G. Jog)

1. S - - - G - - - P - - - Ṡ - - -

Ṡ - - - P - - - G - - - S - - -

2. S - - - P - - - G - - - Ṡ - - -

Ṡ - - - G - - - P - - - S - - -

3. S - - - P - - - Ṡ - - -

Ṡ - - - P - - - S - - -

4. Ṗ - - - S - - - P - - - Ṡ - - -

Ṡ - - - P - - - S - - - Ṗ - - -

5. Ṗ - - - P - - - S - - - Ṡ - - -

Ṡ - - - S - - - P - - - Ṗ - - -

6. S R G P D Ṡ

Ṡ D P G R S

⑦ S R M P D Ṡ

Ṡ D P M R S

⑧ S R M P N Ṡ

Ṡ N P M R S

9. S M D Ś  
 Ś D m S

10. S R G m P D N Ś  
 Ś N D P m G R S

11. S R G m SR Gm PD NŚ  
 Ś N D P ŚN DP mG RS

12. SRG Rgm Gmp MPD PDN DNŚ  
 ŚND NDP DPM PMG MGR GRS

13. SRGm Rgmp GmPD MPDN PDNŚ  
 ŚNDP NDPM DPMG PMGR MGRS

14. SRG SRGm Rgm Rgmp ... PDN PDNŚ  
 ŚND ŚNDP NDPNDPM ... MGR MGRS

15. SG RM GP MD PN DŚ  
 ŚD NP DM PG MR GS

16. sm RP GD MN PŚ  
 ŚP NM DG PR MS

17. SP RD GN ṁs

ṡm NG DR PS

18. SGRS RMGR GPMG MDPM PNDP DṡND

ṡDNS NPDN DMPD PGMP MRGM GSRG

19. SGRG MGRS RMGM PMGR GPMP DPMG

MDPD NDPM PNDN ṡNDP

ṡDNDPṡNṡ NPDPMṡDN DMPM GMPD

PGMG RGM P MRGR SRGM

20. S SRS SRGRS SRGMGRS SRGMPMGRS

SRGMPDPMGRS SRGMPDNDPMGRS

SRGMPDNṡNDPMGRS SRGMPDNṡ

ṡ ṡNṡ ṡNDNṡ ṡNDPDNṡ ṡNDPMṡDNṡ

ṡNDPMGMṡDNṡ ṡNDPMGRGMṡDNṡ

ṡNDPMGRSRGMPDNṡ ṡNDPMGRS

RAAG YAMAN CHEEZA IN TEENTAAL [G,N]

° N - P - R - S - \* G R G G - - Ṁ D  
 é - ri - a - li - pi ya bi na - - sa khi  
 (Ṁ) (Ṅ) (Ṡ) (Ṅ) (Ṗ) R - S - G R G G - - Ṁ D  
 (Ṁ) (Ṅ) (Ṙ) (Ṅ) (Ṗ) R - S - G R G G - - Ṁ D  
 N - P - R - S - G R G G - - PP

↑  
sthayi

Ġ Ṁ Ġ Ṗ Ṁ D P P N D P R Ġ R S S  
 ka la na pa ra ta mo he gha di pha la chhi na li na  
 Ġ Ṁ Ġ Ṗ Ṁ D P P (Ṁ) (Ṁ) (Ṁ) Ṙ Ġ R S S  
 Ġ Ṁ Ġ Ṗ Ṁ D P P Ṅ Ṙ Ġ Ṁ Ġ R S S  
 Ġ Ṁ Ġ Ṗ Ṁ D P P (Ṅ) (Ṙ) (Ġ) (Ṁ) (Ṗ) Ṙ Ġ R S S  
 N - P - R - S - G R G G - - PP

↓  
antara

° P P G G Ṁ - D D \* Ṡ - Ṡ Ṡ 5<sup>th</sup> Ṅ Ṙ Ṡ Ṡ  
 ja ba se pi ya - pa ra de - s ga va na ki no  
 Ṁ D Ṡ Ṡ Ṡ - Ṡ Ṡ Ṡ Ṡ - N D N D P P  
 Ṅ Ṙ Ġ Ṙ Ṡ Ṅ P P N - P - R - S -  
 ra ti ya ka ta ta mo re ta - re - gi na gi na

↑  
antara  
↓

X sam (1<sup>st</sup>) o khali (9<sup>th</sup>)

## 8-BEAT TAANS (for sthayi) YAMAN

1.  $\overset{x}{N}RGm \quad DN\dot{S}N \quad \dot{S}NDP \quad m\dot{G}RS$
2.  $\dot{N}RGm \quad DN\dot{S}\dot{R} \quad \dot{S}NDP \quad m\dot{G}RS$
3.  $\dot{N}RGm \quad DN\dot{R}\dot{G} \quad \dot{G}\dot{R}\dot{S}N \quad DPm\dot{D}$
4.  $\dot{P}m\dot{G}\dot{R} \quad \dot{S}NDP \quad m\dot{G}RS \quad \dot{N}RGm$
5.  $\dot{N}RGm \quad R\dot{G}m\dot{D} \quad \dot{G}m\dot{D}N \quad m\dot{D}N\dot{S}$
6.  $\dot{G}\dot{R}\dot{S}N \quad \dot{R}\dot{S}ND \quad \dot{S}NDP \quad ND\dot{P}m$
7.  $\dot{G}\dot{R}\dot{S}N \quad \dot{G}\dot{R}\dot{S}N \quad \dot{G}\dot{R}\dot{S}N \quad DPm\dot{D}$
8.  $\dot{S}NDP \quad \dot{S}NDP \quad \dot{S}NDP \quad m\dot{G}RS$
9.  $m\dot{G}m\dot{G} \quad R\dot{S}N\dot{S} \quad \dot{S}N\dot{S}N \quad DPm\dot{D}$
10.  $m\dot{G}m\dot{G} \quad \dot{R}\dot{S}N\dot{S} \quad \dot{S}N\dot{S}N \quad DPm\dot{D}$
11.  $\dot{S}N\dot{S}NDP \quad NDND\dot{P}m \quad DPm\dot{D}$
12.  $\dot{G}\dot{R}\dot{G}\dot{R}\dot{S}N \quad \dot{R}\dot{S}\dot{R}\dot{S}ND \quad \dot{S}NDP$
13.  $\dot{S}ND\dot{S}ND\dot{S}N \quad \dot{S}NDP \quad m\dot{G}RS$
14.  $\dot{G}\dot{R}\dot{S} \quad \dot{G}\dot{R}\dot{S} \quad \dot{G}\dot{R} \quad \dot{G}\dot{R}\dot{S}N \quad DPm\dot{D}$
15.  $DN\dot{S} \quad DN\dot{S}DN \quad \dot{S}NDP \quad m\dot{G}RS$
16.  $\dot{P}m\dot{G}\dot{R} \quad \dot{G}m\dot{D}N \quad \dot{S}NDP \quad m\dot{G}RS$
17.  $\dot{G}m\dot{D}N \quad \dot{S}NDP \quad m\dot{D}Pm \quad \dot{G}RS-$

## TAANS FOR ANTARA YAMAN

starting from 5<sup>1/5</sup> (4 beats)

1. ṢNDP mGRS
2. NRṢN DPmG
3. NRṢR ṢNDP
4. NRṢm DNS -

starting from x (8 beats)

5. RṢ RṢ NRNR DNDN mDmD
6. NRNR DN DN mDmD GmGm
7. DN DN mDmD GmGm RGRG
8. NRṢm DNS - DNS - DNS -

chakradhar tihayi taan starting from x and ending at x (48 beats)

9. Put together 5 + 6 + 7 + (8 - 3 times)

RAAG HINDOL CHEEZAIN TEENTAAL

[D, G] sthayi

° ṥ D G ṁ - G S Ḋ ẋ ṥ - G - ṁ Ḋ ṥ Ṅ ṁ  
 ṁ ṁ G G ṁ ṁ D Ḋ ṥ - ṥ ṥ Ṅ ṁ - D

antara

° ṁ ṁ G ṁ Ḋ ṥ - ṥ ẋ ṥ - ṥ ṥ G G ṥ -  
 ṥ G - ṁ - G ṥ ṥ ṥ ṥ Ḋ ṁ G G ṁ Ḋ ṥ Ṅ Ḋ ṁ G G ṥ ṥ

sthayi

° cha na ka bān - da pa ri ẋ ló - ré - ba la ma -  
 cha ló ha ma tu ma mi la ké - lé - ba san - ta

8-beat Taans in HINDOL

1. <sup>x</sup> SGmD GmDN mDND DNDŠ
2. SGmDDNDM ŠNDm GmGS
3. ŠNDm NDmG DmGS mGS-
4. ŠNŠNDm NDNDmG DmGm
5. (ŠNDm)<sup>3</sup> mDND
6. DNŠN DNDm GmDm GmGS
7. ŠŠŠN ŠNDm DNDm GmGS
8. (ŠNDm GmGS)<sup>2</sup>
9. ŠŠ ŠŠ NN DD mm GG SGmD
10. GmDN ŠNDm GmDm GmGS
11. DDD GGG DD ŠŠ ŠŠ NDmD
12. GGG ŠŠŠ GG ŠŠ ŠN DM ND



# HINDOL Taans in Teentaal.

1. X  $\dot{S}-N-\dot{S}NDM \quad N-D-NDMG \quad D-M-DMGS$

$N-S-GMD - (G-M-ND\dot{S}-) 2$

2.  $N\dot{S} GMD-D- G M G S-S- MDND \dot{S}-\dot{S}-$

$\dot{S}NDM G-G- \dot{S}NDM GMDM G MGS MGS-$

3.  $(\dot{S}\dot{G}\dot{S}N \dot{S}NDM DNDM G MGS) 2$

$GS MG DM ND \dot{S}N \dot{G}\dot{S} \dot{G}\dot{S}ND$

4.  $MGSMGS MG DMG DMG DM NDMNDMND$

$\dot{S}ND\dot{S}ND\dot{S}N MGSS DMGG NDMM \dot{S}NDI$

5.  $DN\dot{S}\dot{G}\dot{M}\dot{G}\dot{S}\dot{G}\dot{S}N \dot{S}NDNDM DMGMGS N\dot{S}$

$SGMDNDMG MDND\dot{S}- MDND\dot{S}- MDND$

6.  $SGSG SGGG SG SG SMMM SG SGGG$

$SG SMMM SGGG SMMM GDDI MANN$

$D\dot{S}\dot{S}\dot{S} (\dot{G}\dot{G} \dot{S}\dot{S} NN DD MM GG SGMD) 3$

$(SGMDND\dot{S}-) 2$

RAAG HAMSADHWANI CHEEZA IN EK TAAL

sthai

[S, P]

X G P NS R SN P G- -R SN R - R  
 a - ye é gha ra na n da la - la  
 S S R R G G P P S - S S  
 P N S G R R N - P R R R

antara

X G P P S S S N - P S S S  
 P N S G G G G P R - S S  
 S G R R N - P P R R R R  
 SR SN P PN PG R GP GR SN R - R

sthai

" a - ye - gha ra nan - da la - la

dha na dha na dha na di na man - ga la

ja nu ma ji va na á - j sa pha la

antara

X tu ma ka tu ma ka dhá - da cha la ta  
 ni la bá - sa ra ra va san - ga ta  
 mu kha pa ra ké-sha ra cha ra ka ta  
 a bhi ra a dha ra a ra gu lá - la

## 6-beat taans in Hamsadhwani (Ektaal)

1.  $\overset{\circ}{G}R \quad GR \quad GP \quad GR \quad PG \quad RS$
2.  $GR \quad GR \quad GR \quad GR \quad SN \quad SR$
3.  $GP \quad GR \quad SN \quad PN \quad SR \quad GR$
4.  $\overset{\circ}{P}N \quad SR \quad GP \quad GR \quad PG \quad RS$
5.  $NP \quad GP \quad GR \quad GR \quad SN \quad SR$
6.  $SR \quad GP \quad NP \quad GR \quad PG \quad RS$
7.  $GP \quad \dot{S}- \quad GP \quad \dot{S}- \quad GP \quad \dot{S}-$
8.  $\overset{\circ}{N}S \quad RS \quad PN \quad \dot{S}- \quad PN \quad \dot{S}-$
9.  $\dot{S}N \quad PG \quad RS \quad \overset{\circ}{N}S \quad RS \quad \overset{\circ}{N}S$
10.  $GP \quad NP \quad GP \quad GR \quad PG \quad RS$

## 12-beat taans in Hamsadhvani (Ektaal)

1.  $\overset{x}{\cdot} N S \quad \overset{\cdot}{N} S \quad R S \quad \overset{\cdot}{N} S \quad R G \quad R S \quad \overset{\cdot}{N} S R G \quad P G R S \quad \overset{\cdot}{N} S R G$
2.  $(\overset{\cdot}{S} N \quad P G \quad R S \quad \overset{\cdot}{N} S) 3$
3.  $\overset{\cdot}{P} N \quad \overset{\cdot}{P} N \quad \overset{\cdot}{S} N \quad S R \quad S R \quad G R \quad G P \quad G P \quad N P \quad G P \quad G R \quad S-$
4.  $(S R \quad G P \quad G R \quad G P \quad \overset{\cdot}{S}-) 2 \quad G P \overset{\cdot}{S}-$
5.  $\overset{\cdot}{N} S \quad R G \quad P N \quad \overset{\cdot}{S} R \quad (\overset{\cdot}{S} N \quad P G \quad R S \quad \overset{\cdot}{N} S) 2$
6.  $\overset{\cdot}{N} S R G \quad S R G P \quad R G P N \quad G P N \overset{\cdot}{S} \quad (P N \overset{\cdot}{S}-) 2$

### BHOOP (Gat in Roopak taal)

stayi

x G R S R D S R

G	R	GP	DS	PD	SR	GR
SD	PG	RS	PG	RS	PG	RS

antara

x P G R G P D D

S	S	S	R	D	S	S
S	D	D	S	S	R	R
GR	SR	SD	SD	PD	PG	PG
RG	RS	DS	RG	PD	SR	GR
SD	PG	RS	PG	RS	PG	RS

ending: x G R S (RD-S-RG-)3  
↳ x 3rd time

# Bhoop Taans for Ragapaltal (sthai)

1.  $\times$  SR GP DSDP GR SR GR
2.  $\dot{P}\dot{D}$  SR GP D $\dot{S}$  RSDP GR
3.  $\dot{G}\dot{R}\dot{S}\dot{D}$  RSDP SDPG RS
4. (GRSRG-)<sup>2</sup> SR
5. DSR $\dot{S}$  GPDP RGP $\dot{G}$  DPGR (PGRS)<sup>3</sup>
6. (GPDPGRS - SDPGRS)<sup>2</sup>
7. SRG - RGP - GPD - PG
8.  $\dot{G}\dot{R}\dot{S}\dot{D}$  RSDP SDPG DPGR (PGRS)<sup>3</sup>
9. SRG RGP GPD PDS DP
10.  $\dot{G}\dot{R}\dot{S}$  RSD SDP DPG RS
11. SRGG RAPP GPDD PDS $\dot{S}$  DSR $\dot{R}$  ( $\dot{G}\dot{R}\dot{S}\dot{D}$ ) PGRS
12. SRSR SRRS RGRG RGR RRSRS RGRG GR  
SRRS RGRG GPPG PDDP DSD $\dot{S}$  SRRS RGR  
[SD(PGRS)<sup>3</sup>]<sup>3</sup>
13. GRGR GGRS PLPG PPAR GRGRS PG PPAR  
GGRS PPAR DDPG SSDP RRS $\dot{D}$   $\dot{G}\dot{G}\dot{R}\dot{S}$  PPR  
 $\dot{G}\dot{G}$  RRR $\dot{S}$   $\dot{S}$  RRR S $\dot{S}$  DD S $\dot{S}$  DDP PP  
DDD PPP GG PPP GGR RR SR
14.  $\dot{G}\dot{G}$  R $\dot{R}$   $\dot{G}\dot{G}$   $\dot{S}\dot{S}$  R $\dot{R}$  DD S $\dot{S}$  PP DD GR PP (GR)<sup>3</sup>

*M. Rangayyan*

# Tihai Taans for Bhoop in Roopaktaal

for sthai 1<sup>st</sup> line:

1.  $\times (P \dot{D} S R G R S R G - ) 3$   
↑  $\times$  3<sup>rd</sup> time return to 1<sup>st</sup> line
2.  $(D P G R G R S R G - ) 3$   
↑  $\times$  3<sup>rd</sup> time
3.  $(\dot{S} D P G R S G R G - ) 3$   
↑  $\times$  3<sup>rd</sup> time

for antara 2<sup>nd</sup> line:

4.  $\times S R G P D \dot{S} P D \dot{S} P D \dot{S} P D \rightarrow$  join  $\overset{\times}{[S \dot{S} \dot{S} R D \dot{S} \dot{S}]}$
5.  $S R S R G S R G P S R G P D$
6.  $(D \dot{S} R G P D \dot{S} R \dot{S} - ) 3$   
↑  $\times$  3<sup>rd</sup> time
7.  $(G P D \dot{S} P D \dot{S} R \dot{S} - ) 3$   
↑  $\times$  3<sup>rd</sup> time

RAAG BHADP GAT IN TEENTAAL

stayi

X G - G G R G PP D S ° D P GG RR G R - SS  
 D - DD S - SS R S G R GP DP G R - SS

antara

X G - GG P - PP D P ° D - DD S - SS R S  
 G R - SS R S - DD S D - PP DP - GG  
 [(GP DP GR SR G G) 2 GP DP GR SR ] 3

sitar guruji Sri N.R. Rama Rao



RAAG BHUP TAANS TEENTAAL SHAYI

1. ° SRGP DSDP GRSR GRSR

2. ° PDSR GPDS RSDP GRSR

3. ° GRSD RSDP SDPG DPGR

4. ° DSRG GPDP RGP G DPGR

5. ° (GPDPGRS-) 2

6. ° (S-D-PGRS) 2

7. ° (GRSRG-) 2 GRSR

8. ° SRG- RGP- GPD- DPGR

9. ° SRGP RGPD GPDS PDSR

10. ° GRSD RSDP SDPG DPGR

11. ° SRG RGP GPD PDS DPGR

12. ° DSRG RSD SDP DP G PGRG

13. X PDS- DSR- SRG- RGP- DSR- SRG- RGP- GPD-

SRG- RGP- GPD- PDS- RGP- GPD- PDS- DSR-

GPD- PDS- DSR- SRG- S-R- GRSD R-S- RSDP

S-D- SDPG D-P- DPGR (GRSD RSDP SDPG DPGR) 3

ANTARA

RAAG BHOP TAANS IN TEENTAAAL

14. <sup>X</sup> SRGP DSRG (GRSD PGRS) 3
15. <sup>N</sup> SRGG RGPP GPDD PDSI DSRR SRGG GRSD PGRG
16. <sup>X</sup> SRSR SRRS RGRG RGGR SRSRRS RGRGR  
SRRS RSGR GPPG PDDP DSDI SRRS RSGR  
GRSD PGRG
17. <sup>X</sup> GRGR GGRS PGPQ PPGR GRGGRS PGPPGR  
GGRS PPGR DDPG SSDP RRSI GGRS  
GGG RRR SI RRR SSI DD SSI DDD PP  
DDD PPP GG PPP GG RR SRGR
18. <sup>X</sup> SS RR GG PP RR GG PP DD GG PP DD SI  
PP DD SI RR (GG RR SI DD PP GG RR SS) 2
19. <sup>X</sup> (GG RR GG SI RR DD SI PP DD GG PP RR  
GG RR SS SS) 2
20. <sup>X</sup> SRSR GR GPPDP DS DS RS SR SR GR  
(G-RS R-SD S-DP D-PG) 2 SDPGRSGR
21. <sup>N</sup> DSSR RG GPDP DS SR RG  
GR RS SDDP PG GR RS SD
22. <sup>X</sup> SR RG GP PD, RG GP PD DS  
GP PD DS SR  
(GR RS SD DP PG GRRS SRG-SRG-SR) 3

MÁRU BIAG

andav sampurn

Kalyan Thaat

(or Night - 2nd quarter)

Day - last quarter

P. N S G M P N S

N R N D P M G R S

vadi/samadi

[G, N]

or [P, S]

Teentaal

Strayi

<sup>o</sup> M G - M G R S - <sup>x</sup> G M P D P - M G

G M P N D - P P D P - M G R S -

P. N S G R - S S PN ND PM GR MS GN

antara

<sup>o</sup> G M P N S - S - <sup>x</sup> P N S G R - S S

N - N S D - P M D P - M G - S S

P. N S G R - S S PN NS DP MG MS GN

Note: Shuddha madhyam may be used occasionally as  
S M M G , S M G P  
or avoided completely

# MARU BIHAG Tans tintal

1.  $\times$  GMPN ŠNDP MPGM GRS-
2. PNŠNDPMP GMPM GRS-
3. NSG SGM GMP MPN ŠNDP
4. NSGM PNŠN ŠNDP MGRS
5. MGMG MGRS ŠNŠN ŠNDP
6. ŠNDP NDPM PMGM GRS-
7. NDPM GMPM PMGM GRS-
8. NNN GGG NN ŠŠ RŠNDP-
9. ŠŠ RŠ NDPM NDPM GRS-
10. PNŠ PNŠ PN ŠNDP MGRS
11. MGRS NS ŠNŠNDPMP
12. MG MG RŠ NŠ ŠNŠNDPMP
13. ŠNDP NŠDP PDPM GRS-
14. NSGM GRS - GMPNŠNDP