

ಕರ್ನಾಟಕ ಪ್ರೌಢ ಶಿಕ್ಷಣ ಪರೀಕ್ಸಾ ಮಂಡಳಿ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು – 560 003

KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD, MALLESHWARAM, BANGALORE - 560 003

ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ. ಪರೀಕ್ಸೆ, ಮಾರ್ಚ್ / ಏಪ್ರಿಲ್, 2022

S.S.L.C. EXAMINATION, MARCH / APRIL, 2022

ಮಾದರಿ ಉತ್ತರಗಳು

**MODEL ANSWERS** 

ದಿನಾಂಕ : 11. 04. 2022 ]

Date : 11. 04. 2022 ]

ವಿಷಯ : ಕರ್ನಾಟಕ ಸಂಗೀತ / ಹಿಂದೂಸ್ಥಾನಿ ಸಂಗೀತ – ಶಾಸ್ತ್ರ ವಿಭಾಗ

# Subject : CARNATIC MUSIC / HINDUSTANI MUSIC — THEORY

( ಇಂಗ್ಲಿಷ್ ಮಾಧ್ಯಮ / English Medium )

(ಖಾಸಗಿ ಅಭ್ಯರ್ಥಿ & ಪುನರಾವರ್ತಿತ ಖಾಸಗಿ ಅಭ್ಯರ್ಥಿ / ಎನ್.ಎಸ್.ಆರ್. & ಎನ್.ಎಸ್.ಪಿ.ಆರ್.)

(Private Fresh & Private Repeater / NSR & NSPR)

(ಕರ್ನಾಟಕ ಸಂಗೀತ ಅಥವಾ ಹಿಂದೂಸ್ಥಾನಿಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುವುದು)

(Candidate has to answer either Carnatic Music or Hindustani Music)

[ ಗರಿಷ್ಠ ಅಂಕಗಳು : 50

#### [ Max. Marks : 50

Qn. Nos.	Value Points			
	( CARNATIC MUSIC )			
I.	Multiple Choice : $10 \times 1 = 10$			
1.	Another name for Carnatic music is			
	(A) Uttaradi sangeetha (B) Sugama sangeetha			
	(C) Dakshinadi sangeetha (D) Laghu sangeetha			
	<b>Ans. :</b> (C) Dakshinadi sangeetha	1		

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

[ Turn over

ಸಂಕೇತ ಸಂಖ್ಯೆ : 98-E

CODE NO. : **98-E** 

2 CCE PF & PR/NSR &			NSPR	
Qn.     Value Points			ts	Total
2.	'Sa' (shadja) swara is a Prakruthi sw	vara	because this swara	
	(A) goes through changes	(B)	does not go through changes	
	(C) is a anuswara	(D)	has no sthayi	
	<b>Ans.</b> : (B) does not go through cha	ange	es	1
3.	The number of aksharas in one avai	rtha	of Tishra jathi Triputa tala is	
	(A) 4	(B)	5	
	(C) 9	(D)	7	
	<b>Ans. :</b> (D) 7			1
4.	Mayamalavagowla raga is called a sa and avarohana of this raga has	amp	oorna raga because the arohana	
	(A) seven-seven swaras	(B)	six-six swaras	
	(C) five-five swaras	(D)	shuddha swaras	
	Ans.: (A) seven-seven swaras			1
5.	Chaturashra jathi Ekatala has f	our	aksharas in its one avartha,	
	because the laghu of this tala has			
	(A) three aksharas	(B)	four aksharas	
	(C) five aksharas	(D)	seven aksharas	
	Ans.: (B) four aksharas			1
6.	The birth place of Basavanna is			
	(A) Baada	(B)	Bhaagamandala	
	(C) Baagevadi	(D)	Bankaapura	
	<b>Ans.</b> (C) Baagevadi			1
7.	'Tambura' is a			
	(A) shruthi instrument	(B)	rythm instrument	
	(C) ghana instrument	(D)	sushira instrument	
	<b>Ans. :</b> (A) shruthi instrument			1
8.	Akkamahadevi left her husband, be	caus	e her husband	
	(A) had broken the conditions	(B)	was angry on her	
	(C) avoided her many times	(D)	was lazy	
	<b>Ans. :</b> (A) had broken the condition	ons		1

3 CCE PF & PR/NSR & NSPR Qn. Total Value Points Nos. 9. If Hindusthani music system has twelve swaras in a sthayi, then a sthayi of Carnatic music system has eighteen swaras (A) (B) twelve swaras (C) (D) no swaras sixteen swaras **Ans. :** (D) sixteen swaras 1 10. The responsible for difference swara, the between Dheera Shankarabharana and Mechakalyani, is (A) Gandhara Madhyama (B) Daivatha Nishada (C)(D) Madhyama 1 **Ans.** : (B) Answer the following questions in a sentence each :  $10 \times 1 = 10$ II. 11. What is arohana? Ans. : The systematic ascending of swaras is called arohana. Ex. S R G M P D N S 1 12. Write the melakartha sankhye of the raga Mechakalyani. Ans. : 65 1 13. By which name is Mohana raga of Carnatic music called in Hindusthani music system? Ans. : Bhoop 1 14. What is the reason for Kambhoji raga to be called a Bhashanga raga? Ans. : Kambhoji raga has anya swara (foreign note). So it is called a bhashanga raga. Anya swara : N<sub>3</sub> (Kakali nishada ) 1

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

Qn. Total Value Points Nos. 15. Write any one difference between Dhruvatala and Mathyatala. Ans. : Dhruvatala Mathyatala 1) Talanga : 1 laghu 1 druta 1) Talanga : 1 laghu 1 druta 2 laghu 1 laghu Symbol : |O|| 2) Symbol : |O| 2) 3) It has two laghus 3) It has three laghus (Consider any one difference) 1 16. What are the names of Kanakadasa's father and mother ? Ans. : Kanakadasa's Father : Beere Gowda Mother: Bacchamma 1 17. How many aksharas are there in one avartha of khanda jathi atatala? Ans. : Khanda jathi atatala has fourteen aksharas in its one avartha. Talanga : 2 laghu + 2 druta = 5 + 5 + 2 + 2= 14 1 18. What is the reason for Vasantha raga to be called a vakra raga? Ans. : Vasantha raga has vakraswara sanchara in its arohana. So it is a vakraraga. 1 arohana : S M G M D N S 19. Which is the main percussion instrument (talavadya) in Carnatic music system? Ans. : 'Mrudanga' is the main percussion in Carnatic music system. 1

#### PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

4

CCE PF & PR/NSR & NSPR

5
-

98-E

Qn. Nos.	Value P	oints	Total
20.	Write the talangas of Aditala.		
	Ans. :		
	Aditala talangas		
	1 laghu + 2 druta		
	Symbol :  OO		1
III.	Answer the following questions in two	<i>o</i> to <i>three</i> sentences each : $9 \times 2 = 18$	
21.	Write a difference between Marga and	l Deshi sangeetha.	
	<b>Ans. :</b>	5	
	Marga Sangeetha	Deshi Sangeetha	
	The Devagana which is not in	The music which is being used	
	practice now.	in the respective countries.	2
	Hindusthani music system. <b>Ans. :</b>		
	Carnatic music	Hindusthani music	
	1. There are sixteen swaras in a	1. There are twelve swaras in a	
	sthayi.	sthayi.	
	2. Suladi saptatalas are used.	2. Trital, choutal, Jhaptal etc.	
	3. Tala is shown by hand.	are used.	
	4. Geethe, jathiswara, varna,	3. Tala is shown by tabla sathi.	
	kriti, pada, javali etc.	4. Dhrupad, dhamar, tarana,	
	are Carnatic musical	Khyal, tappa, bhajan etc. are	
	compositions.	Hindusthani musical	
	5. Veena, flute, nadaswara,	compositions.	
	ghata etc. are Carnatic	5. Sitar, been, sarod,	
	musical instruments.	dilruba, sarangi, santhoor,	
		tabla, pakhawaz etc. are Hindusthani musical	
		Hindusthani musical instruments.	
		Instruments	

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

98	-E
----	----

6 CCE PF & PR/NSR & NSPR Qn. Total Value Points Nos. 23. The number of aksharas in one avartha of mishra jathi jhampetala is 10. Why? Ans. : Mishra jathi Jhampetala's laghu has 7 aksharas. So this tala has 10 aksharas in one avartha. Mishra jathi Jhampetala. = 1 laghu + 1 anudruta + 1 druta = 7 + 1 + 2= 10 2 24. What is the reason for Basavanna to recall 'Kudala Sangama Deva' at the end of his vachanas? Ans. : 'Kudala Sangama Deva' was the 'deity' of Basavanna. So he recalls 'Kudala sangama deva' in his vachanas as his ankitha. 2 25. How do Rishabha swara prabhedas differ from that of Gandhara ? Ans. : Rishabha swara prabhedas  $R_1$  = Shuddha rishabha  $R_{2}$  = Chatushruti rishabha  $R_3$  = Shatshruti rishabha Gandhara Swara prabhedas  $G_1$  = Shuddha gandhara  $G_2$  = Sadharana gandhara  $G_3$  = Anthara gandhara Rishabha swara prabhedas are different in this way. They are different in vibrations too. 2

CCE PF	& PR/NSR & NSPR 7	98-E
Qn. Nos.	Value Points	Total
26.	Classify the following Ankithas (pennames) with their respective composers' names :	
	Guruguha, Shyamakrishna, Kagineleyadi Keshava, Chennamallikarjuna.	
	Ans. :	
	Guruguha — Mutthuswamy Dixitar, Shyamakrishna — Shyamashastry	
	Kagineleyadi Keshava — Kanakadasa, Chennamallikarjuna — Akkamahadevi.	2
27.	How does Oudava raga differ from Shadava raga ?	
	Ans. :	
	Oudava raga has five swaras and Shadava raga has six swaras in	
	arohana and avarohana.	2
28.	Write a similarity and a difference between the ragas Mayamalavagowla and Kamavardhini.	
	Ans. :	
	<u>Similarity</u> :	
	Mayamalavagowla and Kamavardhini are the same ragas except	
	madhyama swara.	
	Difference :	
	Mayamalavagowla has shuddha madhyama and Kamavardhini has	
	prathimadhyama swara.	
	Mayamalavagowla is 15 <sup>th</sup> melakartha raga and Kamavardhini is	
	51 <sup>st</sup> melakartha raga.	2

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

8 CCE PF & PR/NSR & NSPR Qn. Total Value Points Nos. 29. Classify the following musical instruments into Carnatic and Hindusthani musical instruments : Veena. Sitar, Nadaswara, Clarionet, Flute, Sarangi, Santhoor, Harmonium. Ans. : Carnatic instruments Hindustani instruments Veena Sitar Nadaswara Sarangi Charionet Santhoor Flute Harmonium 2 IV. Answer the following questions in brief : 30. Explain the classification of musical instruments with an example each. Ans. : Musical instruments are mainly divided into four kinds. They are (i) Thatha, (ii) Sushira, (iii) Avanaddha and (iv) Ghana. Thatha instruments : These are the instruments which produce 1. musical sound by strings. They are also called string instruments. Ex. Veena, Sitar, Guitar, Santhoor, Violin etc. 2. Sushira instruments : They are wind instruments. They produce musical sound by wind or air. Ex. Harmonium, flute, clarionet, Shehnai, Nadaswara etc. Avanddha instruments : Skin or leather instruments are avanaddha 3. instruments. They produce musical sounds by beating on them. They are rhythm instruments. **Ex.** Tabla, mrudanga, dolak, dolu, nagari etc. 4. Ghana instruments : The instruments made of clay or metal are called ghana instruments. **Ex**. morching, ghata, bronze tala. 7

98-E

Qn. Nos.	Value Points	Total
31	Design and write the alankara of chaturashra jathi Rupaka tala in	
	musical notation (sangeetha swaralipi).	
	Ans. :	
	Chaturashra jathi Rupaka tala	
	Talanga : 1 druta 1 laghu	
	Symbol : O   4	
	Aksharas : 2 + 4 = 6	
	O   <sub>4</sub>	
	S R   S R G M	
	R G   R G M P	
	G M   G M P D	
	M P   M P D N	
	P D   P D N S	
	Ś N   Ś N D P	
	N D   N D P M	
	D P   D P M G	
	P M   P M G R	
	M G   M G R S	5

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

10

CCE PF & PR/NSR & NSPR

Qn. Nos.	Value Points ( HINDUSTANI MUSIC )		
I.	Multiple Choice :	10 × 1 = 10	
1.	The systematic ascending order of swaras is		
	(A) Arohana (B) Avaroha	ana	
	(C) Shruti (D) Naada		
	Ans.: (A) Arohana		1
2.	The birth place of Pt. Basavaraja rajaguru is		
	(A) Mansoor (B) Yalivala		
	(C) Kurandavada (D) Puranda	aragada	
	Ans.: (B) Yalivala		1
3.	Hindustani music is called 'Uttaradi sangeetha',	beause this music is	
	developed in		
	(A) South India (B) North In	ıdia	
	(C) Karnataka (D) All Sout	th part of world	
	Ans. : (B) North India		1
4.	The art that is called as Gandharva veda is		
	(A) Music (B) Drama		
	(C) Sculpture (D) Drawing	3	
	<b>Ans. :</b> (A) Music		1
5.	Raga Bhairavi is called as 'Sampoorna raga' becau	use this raga is of	
	(A) Five-five swaras (B) Five-sev	ven swaras	
	(C) Six-seven swaras (D) Seven-s	even swaras	
	Ans.: (D) Seven-seven swaras		1
6.	The group of seven notes (swaras) is called		
	(A) Mukhyanga (B) Saptaka	1	
		iga swara	
	Ans.: (B) Saptaka	-	1

Qn. Nos.	Value Points	Total
7.	A small underline is given under Ga, Dha, Ni swaras of raga Jeevanpuri. Because these are	
	(A) Shuddha swaras (B) Teevra swaras	
	(C) Komal swaras (D) Varja swaras	
	Ans.: (C) Komal swaras	1
8.	Sitar is called a Thatha instrument. Because it	
	(A) is made of wood	
	(B) is a Hindustani music instrument	
	(C) is a metal instrument	
	(D) produces musical sound by its string	
	<b>Ans. :</b> (D) produces musical sound by its string	1
9.	A small dot is given below the swara in lipi system. Because it is	
	(A) Madhya saptaka (middle octave) swara	
	(B) Mandra saptaka (lower octave) swara	
	(C) Tara saptaka (higher octave) swara	
	(D) Anumandra saptaka swara	
	Ans.: (B) Mandra saptaka (lower octave) swara	1
10.	The starting lines of the geetha prakaras like Dhrupad, Khyal, Thumri are	
	(A) Sthayi (B) Antara	
	(C) Sanchari (D) Aabhoga	
	Ans.: (A) Sthayi	1
II.	Answer the following questions in a sentence each : $10 \times 1 = 10$	
11.	How many matras of Jhaptala are there ?	
	Ans. :	
	There are Ten (10) matras (beats) in jhaptaal.	1
12.	Why is Bhairav called Uttaranga Pradhana raga ?	
	Ans. :	
	The vaadi swara that is komal daivat (Dha) of raga Bhairav belongs to	
	the uttaranga swara.	1
13.	Define the meaning of Khayal.	
	Ans. :	

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

12

CCE PF & PR/NSR & NSPR

Qn. Nos.	Value Points	Total
14.	Pt. Panchakshari Gawayi is known as 'Ubhayagayanacharya'. Why ?	
	Ans. :	
	Pandit Panchakshari Gawayi was a scholor in both Carnatic and	
	Hindustani music system.	1
15.	Name two awards given by the Indian government to Pt. Mallikarjuna Mansoor.	
	Ans. :	
	The Indian government awarded Padmashree, Padma Bhushan, and	
	Padma Vibhushan to Pandit Mallikarjuna Mansoor.	1
16.	Durga raga is called Oudava-Oudava raga. Give reason.	
	Ans. :	
	Durga raga has five-five notes in its arohana and avarohana	
	respectively.	1
17.	Name the vadi swara of raga Desh.	
	Ans. :	
	Vadi swara of Desh raga is shuddha rishabha.	1
18.	Pt. Vishnu Digambar Paluskar became blind. Why ?	
	Ans. :	
	Pandit Vishnu Digambar Paluskar lost his eyesight due to the burst of	
	fire crackers.	1
19.	Mention the penname (Ankitanama) of Basavanna.	
	Ans. :	
	The penname ( Ankitanama ) of Basavanna is 'Kudala sangama deva'.	1
20.	What is the difference between 'Taan' and 'Taan swara malika'.	
	Ans. :	
	Singing of a set of notes of a particular raga in druta laya is called as	
	swara malika, but we sing the same set of notes in 'Aa' Kar then it is	
	called as taan.	1

Qn. Nos.	Value Points	Total
III.	Answer the following questions in <i>two</i> to <i>three</i> sentences each : $9 \times 2 = 18$	
21.	Write a difference between Carnatic music and Hindustani music system. Ans.:	
	Carnatic music Hindustani music	
	1.There are 16 swaras in one sthayi.1.There are 12 swaras in one sthayi.	;
	2.Janaka raga and janya raga are the two main raga classifications.2.Thaat raga and raga ragin are the raga classificattions	
	3.Suladi sapta talas and chapu talas are in use.3.Trital, chowtala, jhaptala Druta ektala etc. are the talas in practice.	
	4. Talas are depicted with Kriyes, like laghu, druta etc.4. Talas are depicted without kriyas but are shown with the help of the tabla sathi.	
	5.Music compositions are geethes, swarajatis, Kritis, keenthanas, javalis, tillanas etc.5.Music compositions are dhrupad, dhamar, tarana khyal, thumri, bhajan etc.	
	6.Veene, violin, flute, Nagaswara, mrudanga dholu, dholak, ghata are the main musical instruments.6.Sitar, been, sarod, sarangi santoor, shahanai, bansuri tabla, pakhawaz are the instruments used.	
22.	Why Shahanai instrument is called a 'Sushira Vadya' ?	
	<b>Ans. :</b> Shahanai is a sushira instrument. It produces musical sound by wind or air. So it is called a 'Sushira vadya.'	2
23.	Tuned tanpura produces Ahata naada. How ? Ans. :	
	The tuned tamburi produces notes due to systematic vibrations and the tone produced is Ahata naada.	2

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

14

CCE PF & PR/NSR & NSPR

Qn. Nos.	Value P	oints	Total
24.	Why is music called as shrava education)?	na sadhana vidya (Audio based	
	Ans. :		
	The very basic skill of a music le	0	
	musical sounds of notes only throu		
	is mainly related to listening. So is a based branch of education )	a Shravana Sadhana Vidya. ( Audio	2
25.	Classify the following instruments in	to Avanaddha and Ghana :	-
20.	Tabla, Karataal, Jalataranga, Pakhav		
	Ans. :		
	Avanddha instruments	Ghana instruments	
	Tabla	Karataal	
	Pakhawaz	Jalataranga	2
26.	Lipi (Notation) is necessary for music	. Why ?	
	Ans. :		
	Music is also a language of different There are many different compo- understand these compositions, re- number, symbol and code of swar necessary to retain our music to (notation) is necessary for music.	ositions. To recognise, read and agas, talas and swaras we need as and symbol of talas. etc. It is	2
27.	Classify the following talas into Carna	tic music and Hindustani music :	
	Dadra, Aaditala, Bhajan theka, Tripu	ta tala.	
	Ans. :		
	Carnatic music talas	Hindustani music talas	
	Aadi tala	Dadra	
	Triputa tala	Bhajan theka	2
28.	Write two similarities of raga Desh an	d Brundavani Sarang.	
	Ans. :		
	1) In both ragas vadi swara is sh	uddha rishabha and samvadi swara	
	is panchama.		

CCE PF a	& <b>PR/NSR &amp; NSPR</b> 15	98-E									
Qn. Nos.	Value Points	Total									
29.	Classify the following ragas into thaat raga and oudava-sampoorna										
	ragas :										
	a) Bilaval b) Desh										
	c) Asavari d) Bihag.										
	Ans. :										
	Thaat ragas Oudava-Sampoorna ragas										
	Bilaval Desh										
	Asavari Bihag	2									
IV.	Answer the following questions in brief :										
30.	<ul> <li>How do Teentala and Chowtala differ from each other ? Write the information of these talas with their thekas.</li> <li>Ans.:</li> <li>Teentala is a 'band baz' tala. It is used for vilambit khyal and chhota khayal; will be sung in Druth laya. In modern time this tala is used in sugam sangeet, light music, devotional music and film music. But chowtala is 'Khulla baz' tala. This tala is used for dhrupad singing only. That is why this tala is called as 'dhrupad' also. From all these points we come to know that teentala and chowtala are different from each other.</li> </ul>										
	The classical information of Teentala										
	Matras – 16										
	Division – 4, ( 4, 4, 4, 4 )										
	Pettu – 03 ( On the matras of 1, 5, 13 )										
	Husi – 01 ( On the matra of 9th )										
	Theka										
	× × 0 ×										
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16										
	Dha Dhin Dha Dha Dhin Dha Dha Dha Tin Tin Ta Traka Dhin Dha										

PF/PR/NSR&NSPR-(C)-(700)-21047 (MA)

16

# CCE PF & PR/NSR & NSPR

Qn. Nos.					Va	lue Poi	ints								Total
		T	'he cl	lassi	i <b>cal i</b>	nform	ation	ı of	Chou	vtale	a				
	Matras – 1	2													
	Division –	06 ( 2,	2, 2,	2, 2	2,2)										
	Pettu – 04	( on th	ne ma	itras	of 1,	5, 9, 1	1)								
	Husi – 02	( on th	e mat	tras	of 3 8	57)									
	Theka :														
	×	0		×		0		×		×					
	1 2	3	4	5	6	7	8	9	10	1	1 1	2			7
	Dha Dha	Dhin	Dha	Kita	Dha	Dhin	Dha	Titi	Kat	a Ga	adi G	ana			
31.	Write the system. <b>Ans. :</b> Swarageet	e of Ra	.ga Bı	rund	lavani	Saran	ga								
	system. <b>Ans. :</b>	e of Ra	-	rund	lavani		ga							I	
	system. Ans. : Swarageet Sthayi : ×		×			0				×					
	system. Ans. : Swarageet Sthayi : ×	e of Ra 3 4	-	rund		0 8 9	10		12	13	14		16		
	system. Ans. : Swarageet Sthayi : X 1 2	3 4	× 5	6	7	0 8 9 Sa	10 Sa	<u>N</u> i	Pa	13 Ma	Re	Ņi	Sa		
	system. Ans. : Swarageet Sthayi : ×	3 4 a Ma	× 5 Pa	6 Pa	7 <u>Ni</u> I	0 8 9	10		Pa	13					
	system. Ans. : Swarageet Sthayi : X 1 2 Re Re Ma Re Ma Pa	3 4 a Ma	× 5 Pa	6 Pa	7 <u>Ni</u> I	0 8 9 Sa Pa Ņi	10 Sa	<u>N</u> i	Pa	13 Ma	Re	Ņi	Sa		
	system. Ans. : Swarageet Sthayi : X 1 2 Re Re M	3 4 a Ma	× 5 Pa	6 Pa	7 <u>Ni</u> I	0 8 9 Sa Pa Ņi	10 Sa	<u>N</u> i	Pa	13 Ma	Re	Ņi	Sa		
	system. Ans. : Swarageet Sthayi : X 1 2 Re Re Ma Re Ma Pa Antrara : X	3 4 a Ma	X 5 Pa Pa	6 Pa	7 <u>Ni</u> I	0 8 9 Sa Pa Ni Ni	10 Sa	<u>N</u> i Re	Pa	13 Ma Re	Re	Ņi	Sa		
	system. Ans. : Swarageet Sthayi : X 1 2 Re Re Ma Re Ma Pa Antrara : X	3 4 a Ma a <u>Ni</u>	X 5 Pa Pa X	6 Pa Ma	7 <u>Ni</u> I Pa I	0 8 9 Sa Pa Ņi Ni 0 8 9	10 Sa Sa	<u>Ni</u> Re	Pa Ma 12	13 Ma Re	Re Sa	Ņi Ņi	Sa Sa		
	system. Ans. : Swarageet Sthayi : X 1 2 Re Re Ma Re Ma Pa Antrara : X	3 4 a Ma a <u>Ni</u> 3 4	X 5 Pa Pa X 5	6 Pa Ma 6	7 <u>Ni</u> H Pa H	0 8 9 Sa Pa Ņi Ni 0 8 9	10 Sa Sa 10 Ma	<u>Ni</u> Re	Pa Ma 12 Ma	13 Ma Re × 13	Re Sa 14	Ņi Ņi 15	Sa Sa 16		5