

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI, RAJASTHAN**  
**SECOND SEMESTER-2022-2023**

**Course No: - HSS F329**  
**Course Title: - MUSICOLOGY-AN-INTRODUCTION**  
**COMPREHENSIVE EXAMINATION**

**Date:12/05/2023** **Duration: 3 Hours** **MM:35**

- 1-(i) Find out the Shruti-Interval of Nishad and Higher Shadaj, If the Shruti Interval of Gandhar and Madhyam is 2 microtones. (2)
- (ii) Find out the frequency of Pancham, if the Shadaj is set on 250 Hertz frequency. (2)
- (iii) Find the counter note of Rishabh, if the counter note of Shadaj, is Pancham. (1)
- 2-(i) Write down the musical notes of Poorvi Thaata (2)
- (ii) Which Thaata will come into existence, if Rishabh is taken as Komal, in Aasawari Thaata. (2)
- (iii) Find the Thaata, by blending the notes of Kafi Thaata in the first tetrachord and Bhairavi in the second. Also write the notes of that Thaata. (1)
- 3-(i) Write down the Layakaries of Aad, Triple and Quadruple speeds of Tritaal, Roopak Taal and Ektaal in one Aavartan only. (2)
- (ii) Convert a notation given below in Bhatakhande notation, into Paluskar, Carnatic and staff notation systems- (2)

(iii)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				G	RR	SS	RR	D	DS	-S	R				
G	-	P	G	D	P	G	-	G	PP	D	S	R	SS	D	P
S	PP	DD	PP	G	GR	-R	S								
X				2				0				3			

4. (i)- Write down the system of Thirty-Five Taals in the Carnatic style of Music (2)
- (ii) Introduce the system of 484 Ragas from a Thaata (2)
- (iii) Write down the system of Seventy-Two Melakartas in the Carnatic style of music. (1)
- 5-(i) Write down the principles of Taal with full details and examples. (2)
- (ii) Write down the principles of Thaata and Raaga (2)
- (iii) Compare the Bhatakhande and Paluskar notation systems (1)
- 6-(i)- Write down the Thekas, suitable for Tarana, Bada Khayal, Chhota Khayal, Dhrupad, Dhamar, Thumari, Bhajan, Ghazal and light music (one for each) (2)
- (ii) Describe the Graam and moorchhana (Modulation) in music (2)
- (iii) What is "Naad" in music. Differentiate between the Aahat and the Anahat Naad in music. (1)
7. Write the short notes on topics, given below-
- (i) Aesthetics of music (2)
- (ii) Musical Pedagogy (2)
- (iii) Philosophy and psychology of music (1)

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