

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

**Course No: -**

**HSS F329**

**Course Title: -**

**MUSICOLOGY-AN-INTRODUCTION**

**MID SEM TEST (Open Book)**

**Date:31/10/2022 (2203) Duration: 90 Minutes (09:00-10:30) MM:25**

1. Describe the systems of seventy-two (72) Melakartas, ten (10) Thaats and thirt-two (32) scales, established in the Carnatic as well as Hindustani styles of music respectively- (5)

2. Explain the following-

(i) Aesthetics in music (1.5)

(ii) The system of 484 Ragas from a Thaat (1.5)

(iii) Sapt Taal system of Carnatic style of music (1)

(vi) Find the frequency of Komal nishad, if Shuddha Rishabh is set on 270 Hz frequency- (1)

3. What do you understand by Gram and Moorchhana (Modulation) in the Indian music? - (5)

4. (i) Write down the Thekas of the Taals suitable for Dhrupad, Dhamar, Bada Khayal, Chhota Khayal, Thumari, Tarana, and Bhajan styles of Hindustani music (one for each). (1.5)

(ii) Write down the Layakaries, asked below (in one Aavartan only)-

(a) Aad of Ektaal (b) Kuad of RoopakTaal (c) Biad of AadaChartaal - (1.5)

(iii) Write down the Theka of Ektaal in Bhatakhande, Paluskar, Carnatic and western(staff) notations. - (1)

(iv) Write the notation below in the Paluskar, Carnatic and staff notation systems-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						S	N	S	(GG)	R	G	-	M	G	M
P	-	P	M	G	(RR)	S	N	S	(RR)	(GG)	(RR)	S	(SN)	(-N)	R
G	(MM)	P	M	G	(RR)										
X				2				0				3			(1)

5. Write the short notes on the following topics-

(i) Rasa and Bhava in music - (1.5)

(ii) The Time-Theory of the Raga - (1.5)

(iii) The principles of Thaat, Raga and Taals - (2)

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