

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE-PILANI (RAJASTHAN)

SECOND SEMESTER 2017-2018

COURSE NO:

HSS F 329

COURSE TITLE :

MUSICOLOGY-AN-INTRODUCTION

MID SEM. TEST

DATE:08/03/2018

TIME: 90 MINUTES

M.M. 25

All questions carry equal marks.

1. Write down the Layakaries, asked in the particular multiple speeds-

(i) Aad of Ektaal, in one Avartan

(ii) Kuaad of Aada Chartaal, in one Avartan

(iii) Biaad of Jhaptaal, in one Avartan

(iv) Triple speed of Taal Dadara, in one Avartan

2. Explain the tonal sequences (full tone, half tone and microtones), and the formation of musical scales (Major, Diatonic and the chromatic scales) established in the ancient, medieval and the modern ages of music, i.e.-the system of Seventy-two Melas, Thirty-two Scales and Ten Thaats.

3. Taals are based on some principle modes, musically known as Taal-Praan, because they put life in the Taal- performances, solo or accompaniment. Elucidate with appropriate examples.

4. Write the Taals, suitable for Classical, Semi - Classical, Light Folk Folk categories of musical forms in the Bhatkhande Notation system of Hindustani style of music (vocal and instrumental).

5. Write down the short notes on the topics- given below, with appropriate examples for each -

(A) System of 484 Ragas from a Thaat

(B) System of Thirty-five Taals in Carnatic style of music

SOLUTIONS

1. (i) Aad of Ektaal, in one Avartan- Dhin- dhin -dhage tirakitatu- -na-to be completed
 - (ii) Kuaad of Aada Chartaal, in one Avartan- Dhin---ti rakitadhi- --na-- -tu----...to be completed
 - (iii) Biaad of Jhaptaal, in one Avartan- Dhi---na-- -dhi---dhi- --na---ti ---na---....to be completed
 - (iv) Triple speed of Taal Dadara, in one Avartan- Dhadhina Dhatuna.....to be completed
2. Major Scale- Microtones- S 4 R 3 G 2 M 4 P 4 D 3 N 2 S
Diatonic scale- microtones- S 2 R R 2 G 2 G 1 M 2 M 2 P 2 D 2 D 2 N 1 N 2 S
Chromatic scale- Total 22 microtones
Systems of 72 Melakartas, 32scales and 10 Thaats.....to be explained
3. Principles of Taal- Kaal, Marg, Kriya, Anga, Graha, Jaati, Kala, Laya, Yati, Prastar.
 4. Taals suitable for Classical Category- Tritaal, Jhaptaal, Ektaal, Chartaal, Teevra &Roopak etc.
Taals for Light Classical- Addha, Deepachandi, Jat etc.
Taals for Light Music- Kaharawa, Dadara, Roopak etc.
Taals for Folk- Dhoomali, Khemata Ardh Jhaptaal etc.
 5. (A) System of 484 Ragas from a Thaats- Out of 9 categories of the Ragas, based upon the numbers of notes permitted, mathematically calculated 484, Ragas are possible from 1 Thaats. So total possible Ragas will be 4840 from 10 Thaats.
(B) System of Thirty-five Taals in Carnatic style of music- Main 7 Taals of Carnatic- Dhruva, Mathya, Roopak, Jhamp, Triput, Atha and Ekताल, by putting in 5 different Jaties- Chatasra, Tisra, Khand, Misra and Sankeern, the Total Number of Taals possible are- $7 \times 5 = 35$.