Department of Hindustani Classical Music Sangit Bhavana MPA Examination, 2024



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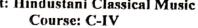
Semester-I

Subject: Hindustani Classical Music (VOCAL, SITAR, ESRAJ, TABLA) Course- C-IV

Full Marks-40 Time: 3 Hours Questions are of equal value or as indicated in the margin Answer any four questions:-1. Write short notes on: - (Any two) 10 a) Frequency b) Timbre c) Resonance d) Musical scale e) Musical interval f) Overtone 2. Write the characteristics of Musical sound. 10 3. Describe the production and propagation of sound. 10 4. What is sound wave? Discuss the different types of sound waves. 10 5. Describe the structure and function of Human Ear. 10 6. Describe the construction of Vocal organ and mechanism of voice Production. 10 7. Discuss the structure and the mechanism of sound production of Sitar

instrument.

Department of Hindustani Classical Music Sangit Bhayana MPA/M.Mus. Examination, 2022 Semester-I Subject: Hindustani Classical Music





Time – 3 Hours	Full Marks- 40
Questions are of value as indicated in the margin.	
Q.No.1. Define sound. Differentiate between musical sound and noise.	1+2=3
Q.No.2. "Sound is due to vibratory motion of a material medium". Discuss with an	experiment. 4
Q.No.3. Define wave? Write down about the characteristics of wave.	5
Q.No.4. Compare between Free and Forced Vibration.	2+2= 4
Q.No.5 Compare between Longitudinal wave and Transverse wave.	2+2=4
Q.No.6. Write down in detail about the construction of an ideal auditorium.	5
Q.No.7. Define Crest and Trough with a suitable diagram.	2
Q.No.8. Answer the following:	1X5=5
(a) Antinodes are	2X4=8

Department of Hindustani Classical Music Sangit Bhavana MPA Examination, 2023 Semester-I Subject: Science of Music (Acoustics)

Course-C-IV

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

All questions are compulsory

1. Fill in the blanks:	1X6= 6
(a) Frequency is denoted by the symbol	
(b) Nodes arevibration points.	SHAVAN
(c) Amplitude is measured in	* SANTA-BILLAR
(d) Human ears cannot recognize frequencies lower than	CT ON METAN
(e) Voice of a woman has pitch than that of a man.	MAVAN
(f) The distance covered by a wave in one second is called	
2. Define the following:	2X7=14
(a) Longitudinal Wave	
(b) Forced Vibration	
(c) Harmonics	
(d) Ultrasonic Sound	
(e) Fundamental Tone	
(f) Echoes	
(g) Non-Durable Vibration	
3. Answer the following:	
(a) Explain with a suitable experiment that a material medium is necessary for the	propagation of
sound.	5
(b) Discuss on the characteristics of musical sound.	5
(c) Compare between tones and notes.	4
(d) Write down in detail about the construction of a human ear.	6