

M.Mus. Examination, 2018
Semester-I
Hindusthani Classical Music (Vocal)
Course : IV

Time : 3 Hours

Full Marks : 40

Questions are of value as indicated in the margin

Group - A

Answer **all ten** questions

10×1=10

Fill in the blanks

1. Antinodes are _____ vibration points.
2. Ultrasonic sound has frequency _____.
3. Lowest normal mode frequency is known as the _____ frequency.
4. The scale C sharp is also known as _____ Flat.
5. _____ is the example of Elastic Medium.
6. By hammering on Tabla, if chhauni stretch (T) will increase, then the sound of _____ pitch will produce.
7. The Crest is the _____ point of wave.
8. _____ is the unit of Frequency.
9. Shuddha Ga of lower octave has the frequency of _____.
10. _____ refers to how loud or soft a sound seems to a listeners.

Group – B

Answer **any five** questions

5×2=10

1. Choose the correct one and write the sentence.
 - a) Wavelength is denoted by λ or h?
 - b) Sharp is denoted by b or # ?
2. Choose the correct one and write the sentence.
 - a) Sound cannot travel in space or elastic medium.
 - b) Sound propagates through air or solid medium in Longitudinal waves.
3. What do you mean by First Harmonic and First Partial?
4. What is the frequency level of sound wave?
5. How the sound of Drum differs from the sound of Khol?
6. Define Amplitude and Wavespeed. Briefly explain.
7. How the sound wave propagates through a medium?

(2)

Group – C

Answer **any two** questions

2×5=10

1. Write short notes on Harmonics or Pitch.
2. How do you explain the acoustics of sitar?
3. Explain Longitudinal Wave or Transverse wave with picture.
4. Explain the acoustics of Tabla.

Group – D

Answer **any one** question

1×10=10

1. Explain the acoustics of the Bow instrument Esraj.
 2. Find the frequencies of Shuddha Re, Shuddha Dha, Komal Re and Teevra Ma.
 3. Draw the Tanpura with indicating its several parts and explain its sound acoustics.
-