

M. Mus. Examination, 2018
Semester - I
Rabindra Sangit
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 up the Blanks:

1. Nodes are _____ Vibration points.
2. Infrasonic sound has frequency _____.
3. The scale G sharp is also known as _____ flat.
4. A sharp _____ a pitch by a half step.
5. Fundamental Frequency is the _____ Normal Mode Frequency.
6. _____ is the lowest point of wave.
7. _____ refers to how loud or soft a sound seems to a listener.
8. _____ is the unit of frequency.
9. Voice of woman has _____ pitch than that of a man.
10. The vibration of a source sets the _____ of a wave.

Group-B

Answer **any five** questions

5×2=10

1. Choose the correct one and write the sequence.
 - a) Flat is denoted as b or # ?
 - b) Longitudinal wave is co-related with Parallel on perpendicular direction?
2. What do you mean by First Harmonic and first partial?
3. How the sound of Khol differs from the sound of Drum?
4. Choose the correct one and write the sentence.
 - a) Sound can not travel in space/elastic medium.
 - b) A mechanical wave transfers matter/energy through a medium.
5. What is the difference between displacement and distance?
6. How does the sound propogate through a medium?
7. Define Amplitude and Wavespeed. Briefly explain.

P.T.O.

(2)

Group-C

Answer **any two** questions

2×5=10

1. Write short notes on Harmonics or Amplitude.
2. How do you explain the acoustics of sitar?
3. Explain Longitudinal wave or Transverse wave with picture.
4. Write about Mode of vibration.

Group - D

Answer **any one** question

1×10=10

1. Explain the acoustics of the Bow instrument Esraj.
 2. Find the frequencies of Shuddha Ma, Shuddha Ni, Komal Ga and Teevra Ma.
 3. Draw the Tanpura with indicating its several parts and explain its Sound acoustics.
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