



WEST BENGAL STATE UNIVERSITY
B.A. Honours 5th Semester Examination, 2021-22

MUCACOR12T-MUSIC (CC12)

STUDY ON MUSICAL ACOUSTICS

Time Allotted: 1 Hour

Full Marks: 20

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

1. Write short note on any **one** of the following: 4×1 = 4
 - (a) Note and Tone
 - (b) Pitch
 - (c) Timbre
 - (d) Free and Forced Vibrations.

2. Answer any **two** questions from the following: 8×2 = 16
 - (a) Give a description of Human Vocal Organ with proper diagram. 8
 - (b) What is Noise? Discuss the characteristic features of Musical sound. 2+6
 - (c) Discuss the structure and functions of Human Hearing Organ. Use proper diagram. 8
 - (d) Discuss your idea about Vocal Compass and Register. What are the causes of choked voice and what measures may be taken to protect voice choking? 5+3
 - (e) Discuss the process of Human Hearing. What are the causes of Deafness and Auditory fatigue? 6+2

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

—x—