



WEST BENGAL STATE UNIVERSITY

B.A. Honours 5th Semester Examination, 2021-22

MUCADSE03T-MUSIC (DSE1/2)

SCIENCE IN MUSIC

Time Allotted: 2 Hours

Full Marks: 50

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

1. Write short notes on any **two** of the following: 10×2 = 20
 - (a) Longitudinal Sound Wave
 - (b) Laya and Chhanda
 - (c) Moving Coil Microphone
 - (d) Threshold of Hearing
 - (e) Head and Chest Register of Human Voice.

2. Answer any **two** questions from the following: 15×2 = 30
 - (a) What is Microphone? How many Microphones are there in use? What type of Microphone do you prefer and why? 3+4+8
 - (b) Write down the Tingun and Adi Layakari of Tintal and Jhamptal in one Avartan maintaining proper Talalipi. 8+7
 - (c) Define Sound Wave. What kind of Sound Waves are associated with Music? Show the differences between Longitudinal and Transverse Wave. 3+2+10
 - (d) Explain your ideas about Auditory Perception. On which factors Auditory Perception depends upon? 7+8
 - (e) Give a detail account of Human Sound Productive Organ with proper diagram. How can we differentiate voice of individuals though the sound productive organ in Humans is identical? 10+5

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.*

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