

TILAK MAHARASHTRA VIDYAPEETH, PUNE**B.A. in Music Production****BSc. Professional Audio Technology****EXAMINATION: JANUARY - 2023****FIRST SEMESTER****Sub: Building Musical Sense (BAMP/BSCA 22-1004)**

Date : 14/1/2023**Total Marks : 40****Time: 10.00 am to 12.00 noon**

Instruction:*All questions are compulsory.***Q. 1 Descriptive Answer (Any Two)****(20)**

1. How transverse standing waves are produced? Explain in brief with a suitable sketch showing nodes and antinodes.
2. What are the different types of vibrations that produced in a uniform bar or a rod? Explain them with a neat sketch.
3. What are the different modes of string vibration of musical instrument? Explain with neat diagram.

Q. 2 Write short notes. (Any Two)**(10)**

1. Vibrating membranes
2. Acoustical Interference
3. Mouthpiece

Q. 3 Open Ended Question**(10)**What are the different materials for wind materials?
