

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF ARTS JOURNALISM AND
MASS COMMUNICATION (BAJMC)
EXAMINATION: JANUARY- 2022
SCOND SEMESTER
Sub: Sound - II (BAJMC 18- 2007)

Date: 27/01/2022

Total Marks: 40

Time: 2.00 pm to 4.00 pm

Instruction:

All questions are compulsory.

- Q. 1 Descriptive Answer (Any Two) (20)**
1. Write a brief about ADA converters?
 2. Explain lossless compression?
 3. What is quantization noise and how does dither help?
- Q. 2 Write short notes. (Any Two) (10)**
1. Define Pulse Code Modulation?
 2. Why is Nyquist theorem important while audio is recorded in the digital medium?
Why can't we record at 24Khz?
 3. Explain what jitter is?
- Q. 3 Open Ended Question (Any One) (10)**
1. What happens when you render an audio track with 8-bit depth? How does it affect audio quality?
 2. How was the audio quality during the analog era different from the digital era? What has changed technologically? Explain.
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