

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**BACHELOR OF ARTS JOURNALISM AND**  
**MASS COMMUNICATION (BAJMC)**  
**EXAMINATION: JANUARY- 2022**  
**THIRD SEMESTER**  
**Sub: Sound - III (BAJMC 18– 3007)**

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**Date: 19/01/2022**

**Total Marks : 40**

**Time: 2.00 pm to 4.00 pm**

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***Instruction:***

*All questions are compulsory.*

**Q. 1 Descriptive Answer (Any Two)**

**(20)**

1. What is Subtractive Synthesis? Answer with an example.
2. What are the Sampling Techniques we generally use to design/build an instrument?
3. What is MIDI Synchronization? How it is helping producing music explain in brief with required diagrammatic explanation to it.

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

**(10)**

1. Explain FM Synthesis?
2. Explain MTC in MIDI protocol?
3. Explain Circle OF Fifth with diagram?

**Q. 3 Open Ended Question (Any One)**

**(10)**

1. What if there were no synthesizer ever evolved or designed, then what could have been the consequences would have happened to music industry?
2. MPE (MIDI POLYPHONIC EXPRESSION) is now one of the important protocol and it has vigorous need in the field of music production. Justify with your answer?