

2023 Master's Program, Graduate School of Design (General Entrance Examination) Achievement Test
Question and Answer Sheets

Examination Subject Sound Culture

Examinee's number

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[Compulsory Questions] Answer Question 1 and Question 2.

Question 1

Discuss the relationship between music and communication/distribution media from the viewpoints of music history or media history using three specific examples and comparing the similarities and differences between the periods in which they were used. Use at least three keywords from the following. You may use graphics if needed.

keyword 1: newspaper

keyword 2: telephone

keyword 3: radio

keyword 4: cable broadcasting

keyword 5: television

keyword 6: Internet

Question 1 Answer Sheet

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Question 2

Choose four keywords from the following and explain the characteristics and significance of each from the viewpoints of sound studies, media art theory, music theory, music history, cultural studies of music, or composition. You may use graphics if need.

- | | | |
|---------------------------|---------------------|--|
| (1) Pythagoras | (7) virtuoso | (13) gramophone |
| (2) total serialism | (8) canned music | (14) bioart |
| (3) cembalo | (9) sonification | (15) frequency modulation (FM) |
| (4) dice music | (10) Glenn Gould | (16) PCM |
| (5) nationalism and music | (11) Toru Takemitsu | (17) echo chamber |
| (6) natural overtones | (12) polyrhythm | (18) musique concrète (concrete music) |

Question 2 Answer Sheet

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[Multiple-choice Questions] Choose and answer two questions from Question 3 to Question 6.

Question 3

The following figures show devices that visualize sound using soot (A), sand (B), and flame (C) as the medium. Explain how each device visualizes sound, using diagrams as appropriate. (Write as A, B, C, in the answer column).

(A)

(B)

(C)



Image source: (A) Charbon, 1981:12, (B) Hankins & Silverman, 1995:131, (C) <https://www.scienceprojectideas.org/>

Question 3 Answer Sheet

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Question 4

The following figure shows a character code used in a certain communication medium. After noting the name of this communication media and character code, explain its communication mechanism with some examples.

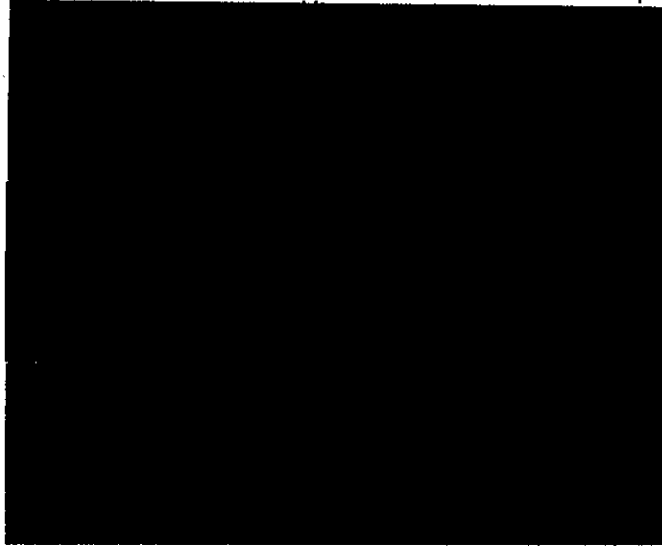


Image Source: Snodgrass & Camp, 1922:96 (Partially modified for the purpose of the question)

Question 4 Answer Sheet

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Question 5

Discuss the history of tonal music up to the present time from the viewpoints of music history, music theory, and cultural studies of music, giving several examples from different periods and places, and explaining their significance. In your answer, use at least three keywords from the following five. You may use graphics if needed.

keyword 1: church mode

keyword 2: harmony based on functions (T, D, S)

keyword 3: whole-tone scale

keyword 4: emancipation of dissonance

keyword 5: keys in popular music

Question 5 Answer Sheet

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Question 6

Discuss the relationship between music and notation system up to the present time from the viewpoints of music history, music theory, and cultural studies of music, giving several examples from different periods and places, and explaining their characteristics and changes. In your answer, use at least three keywords from the following five. You may use graphics if needed.

keyword 1: organum

keyword 2: cantus-firmus mass

keyword 3: basso continuo (thorough bass)

keyword 4: arrangement

keyword 5: graphic score

Question 6 Answer Sheet