

2022年度(令和4年)

名古屋市立大学大学院芸術工学研究科

博士前期課程2次募集(芸術工学専攻)

入学試験問題

外国語(筆記) (60分)

【注意事項】

- 1 試験開始の合図があるまで、この問題冊子の中を見てはいけません。
- 2 この冊子は表紙を含め2枚あります。  
試験中に問題冊子の印刷不鮮明、ページの落丁・乱丁及び解答用紙の汚れ等に気づいた場合は、手を挙げて監督者に知らせてください。
- 3 解答用紙は1枚(両面)配布します。  
解答用紙には、受験番号、氏名を記入してください。
- 4 この冊子のどのページも切り離してはいけないが、余白等は適宜利用してもかまいません。
- 5 試験終了後、問題冊子は回収します。問題冊子は持ち帰ってはいけません。

## 外国語（筆記）

【設問】以下の英文を日本語に要約せよ。

In the 1950s prizewinning biologist and doctor Jonas Salk was working on a cure for polio in a dark basement laboratory in Pittsburgh. Progress was slow, so to clear his head, Salk traveled to Assisi, Italy, where he spent time in a 13th-century monastery, ambling amid its columns and cloistered courtyards. Suddenly, Salk found himself awash in new insights, including the one that would lead to his successful polio vaccine. Salk was convinced he had drawn his inspiration from the contemplative setting. He came to believe so strongly in architecture's ability to influence the mind that he teamed up with renowned architect Louis Kahn to build the Salk Institute in La Jolla, Calif., as a scientific facility that would stimulate breakthroughs and encourage creativity.

Now research has emerged that could help illuminate Salk's observation that aspects of the physical environment can influence creativity. In 2007 Joan Meyers-Levy, a professor of marketing at the University of Minnesota, reported that the height of a room's ceiling affects how people think. She randomly assigned 100 people to a room with either an eight- or 10-foot ceiling and asked participants to group sports from a 10-item list into categories of their own choice. The people who completed the task in the room with taller ceilings came up with more abstract categories, such as "challenging" sports or sports they would like to play, than did those in rooms with shorter ceilings, who offered more concrete groupings, such as the number of participants on a team. "Ceiling height affects the way you process information," Meyers-Levy says. "You're focusing on the specific details in the lower-ceiling condition."

出典： By Anthes, Emily. "How Room Designs Affect Your Work and Mood," Scientific American Mind. April 22, 2009 より抜粋

Prize-winning 受賞歴のある高名な

in a 13th-century monastery

13世紀に建てられた修道院で

ambling amid its columns and cloistered courtyards

柱や回廊のある中庭を歩き回る

polio 小児まひ、ポリオ

awash 満ち溢れた

contemplative 黙想的な