

2024 Master's Program, Graduate School of Design (General Entrance Examination) Achievement Test
Examination Paper

Examination Subject
Social and Cultural Studies on
Human Environments

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Question 1 (Compulsory)

Describe each of the following 20 keywords related to environmental design.

- (1) Landscape Act in Japan
- (2) Allowable compressive stress for structural steel
- (3) Postmodernism.
- (4) Personal space
- (5) Satoyama conservation
- (6) Total institution
- (7) Stainless steel
- (8) Marine pollutant
- (9) Plane (tool)
- (10) Renewable energy
- (11) Art nouveau
- (12) Heat transmission coefficient
- (13) *The Image of the City*
- (14) Building construction and construction method
- (15) Tsubo-niwa (courtyard garden)
- (16) Resilience
- (17) Western architectural styles
- (18) Kenzo Tange
- (19) Green infrastructure
- (20) WBGT (Wet Bulb Globe Temperature)

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Choose and answer two questions from Question 2 to 5. If you answer three or more questions, your answers will not be marked.

Question 2

Describe the purpose and efforts of the Promotion of Low Carbon City by the Ministry of Land, Infrastructure, Transport and Tourism. (50 points)

Question 3

Explain how the concept and understanding of cultural heritage and the method of heritage conservation developed and changed in the 19th and 20th centuries. Geographical area you describe these on should be Europe and/or Japan. (50 points)

Question 4

Select one city and describe a brief history of the city from its establishment to the present, including description of at least five representative buildings constructed in the city. (50 points)

Question 5

Describe the impact and effects of urban greening by governments and companies using specific explanations. (50 points)