

2023 Master's Program, Graduate School of Design (General Entrance Examination) Achievement Test
Examination Paper

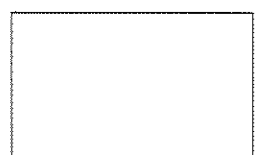
Examination Subject
Social and Cultural Studies on
Human Environments

(Page 1 of 2)

Question 1 (Compulsory)

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

- (1) Affordance
- (2) Neighborhood unit
- (3) La Ville Radieuse
- (4) Functionalism
- (5) Conventional wood-framed construction
- (6) DX (Digital Transformation)
- (7) Vegetation of Japan
- (8) Garden city
- (9) City park / Urban park
- (10) Resilience
- (11) Plywood
- (12) Vibration control of buildings
- (13) Air Pollutants
- (14) Thermal transmittance
- (15) ZEB (Net Zero Energy Building)
- (16) SDGs (Sustainable Development Goals)
- (17) Gothic Revival
- (18) Globalization
- (19) Tatami mat
- (20) Renaissance



2023 Master's Program, Graduate School of Design (General Entrance Examination) Achievement Test
Examination Paper

Examination Subject
Social and Cultural Studies on
Human Environments

(Page 2 of 2)

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

What are the advantages and disadvantages to designate or register historic places such as buildings, structures, districts and landscapes as places of cultural significance by the means of national and/or local legislation or regulation? Describe your own opinion by using concrete example(s) of historic places and legislation/regulation to support your argument. Examples you use do not have to be of Japan and may be of any country or region. (50 points)

Question 3

Discuss and describe the difficulties in solving environmental problems in developing countries, using specific examples along with the unique circumstances in which developing countries find themselves. (50 points)

Question 4

Select a country or region and describe what kind of era was the 19th century in the architectural history of that country or region, including its relationship with political and social conditions and technical aspects. (50 points)

Question 5

Explain the basic concept of low carbon city development using the "Low Carbon City Development Guidance" by the Ministry of Land, Infrastructure, Transport and Tourism, Japan. (50 points)

