



Academic Testing Center of Chulalongkorn University
Chulalongkorn University—Test of Aptitude in Design

Instructions:

1. Before doing the test, write down your information: first/last name, your registration number, test room number, and seat number on the following test package.

On computer answer sheet, use HB or no.2 pencil to fill in your information and the circles that correspond to your registration number and sex. (For questions page no.2 to 16)

On test document, write down your information on the top of all pages from page no.17 to 21.

On separate drawing papers provided (pages no.24-25), write down your information on the top of the pages.

2. There are three parts to this test. All parts will be collected together at the end of the test.

Part I: Spatial Perception & Logical Analysis
Multiple choices with 30 items (30 points, 30 minutes)

Answer the questions in the computer answer sheet provided. Use HB or no.2 pencil to fill in the circles of your answers. If you want to change an answer, completely erase your previous mark and fill in the circle of your new choice.

Part II: Generation of Ideas & Design Ability
4 items (40 points, 60 minutes)

Write down your answers or draw figures/pictures/sketches in the spaces or blocks provided in each item of the test document.

Part III: Drawing and Painting Skill:
2 items (30 points, 90 minutes)

Draw and paint following the given instruction of each item on the separate drawing papers provided.

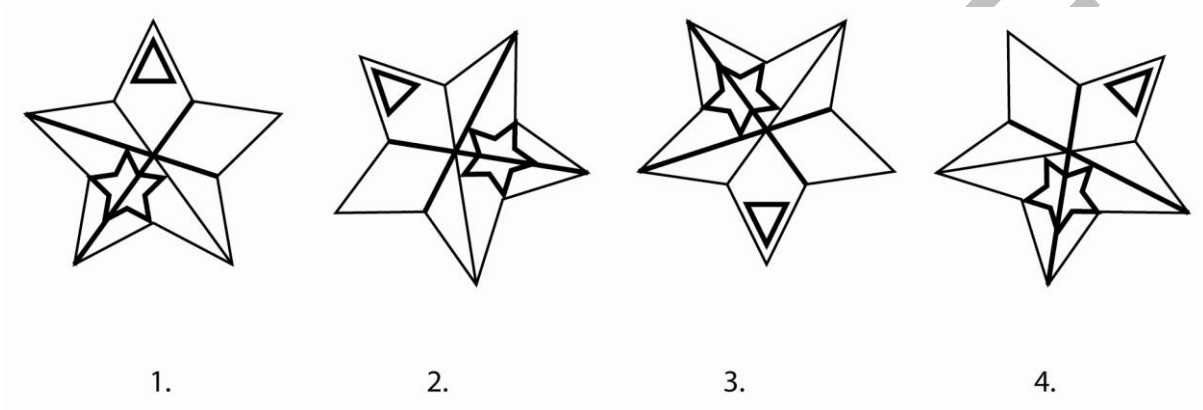
3. All materials provided for the tests are not allowed out of the test room.
4. The examinees are not allowed to leave the test room before one and a half hour has passed since the starting time.



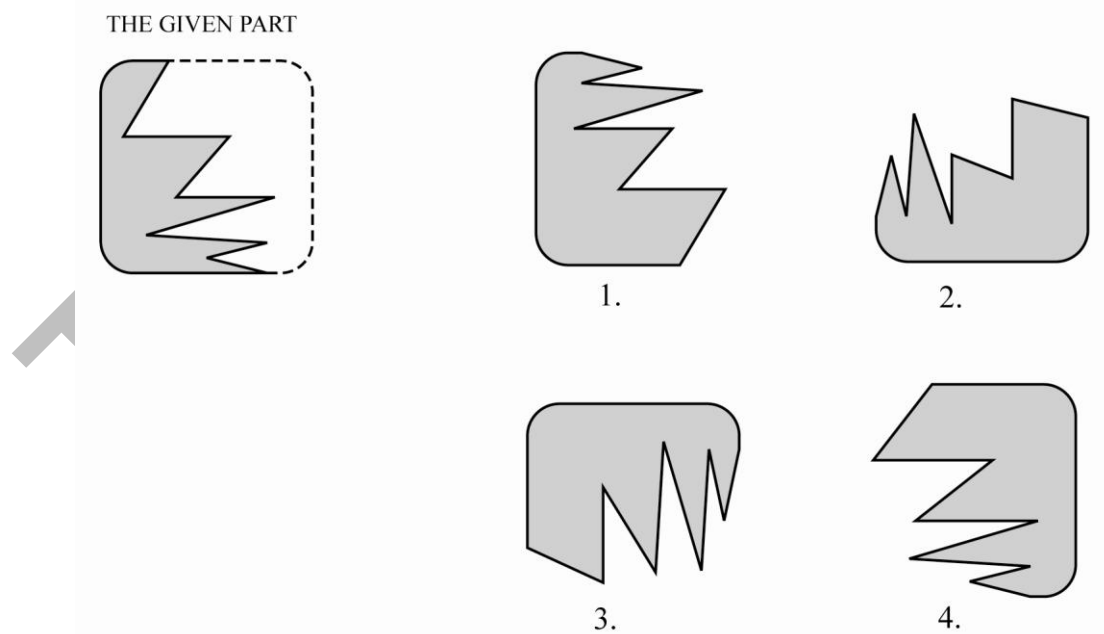
PART I Spatial Perception & Logical Analysis
Multiple choices with 30 items (30 points, 30 minutes)

Matching
Item 1-5

-- Which one of the following is **different** from the other three?



-- Which one of the four choices below **fits** with the given part?

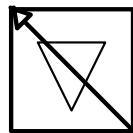
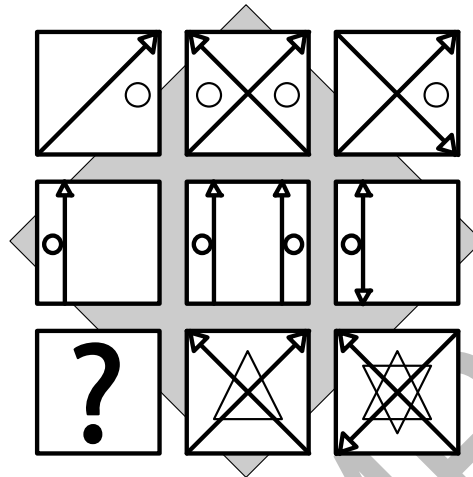




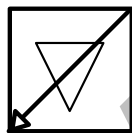
Logic & Sequence

Item 6-10

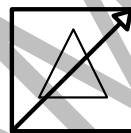
-- Which one of the four choices below **logically fits** the question mark space?



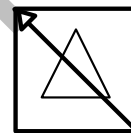
1.



2.



3.

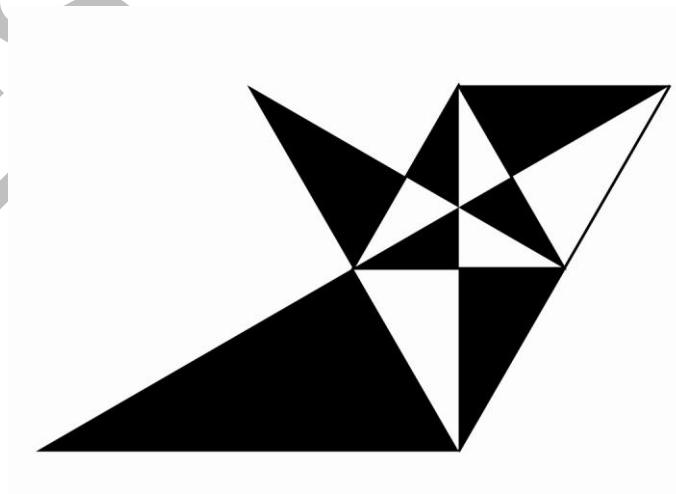


4.

Quantity

Item 11-15

-- How many right triangles are there in the following figure?



1. 12

2. 22

3. 26

4. 28

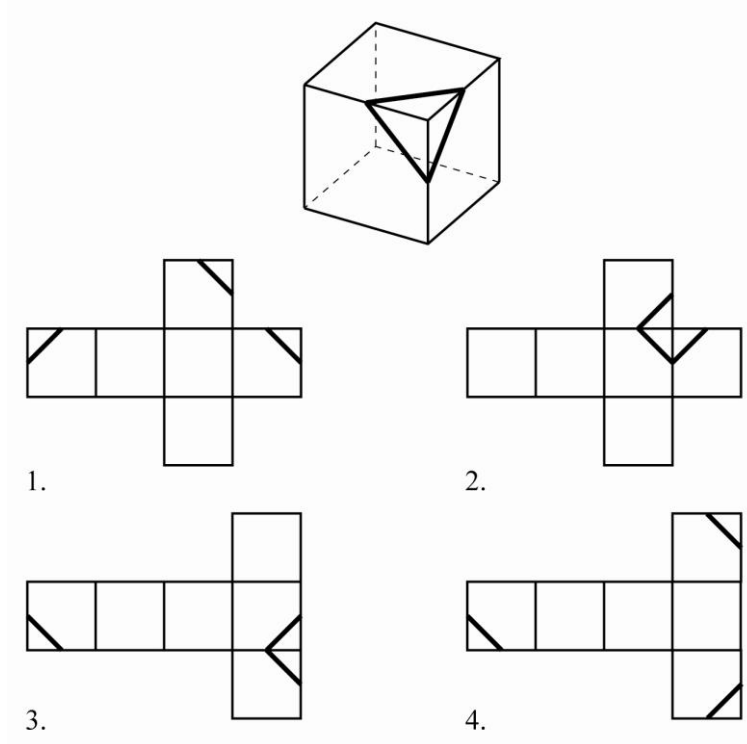


2-Dimensional & 3-Dimensional Perception

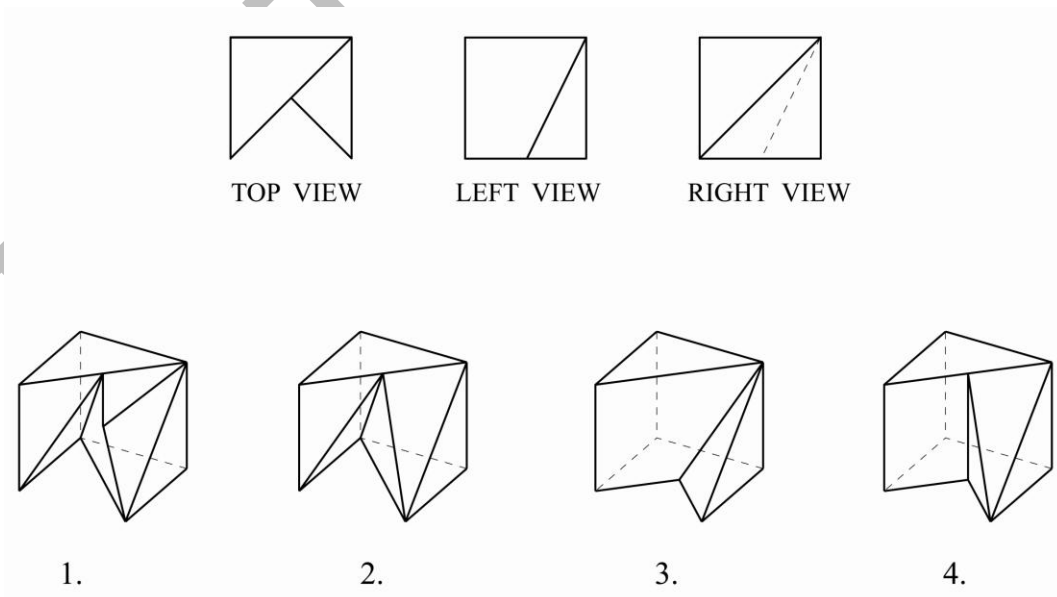
Item 16-25

-- Which one of the four choices below is not the unfolded shape of the given figure?

THE GIVEN FIGURE



-- Which one of the four choices below has the top, left, and right views above?

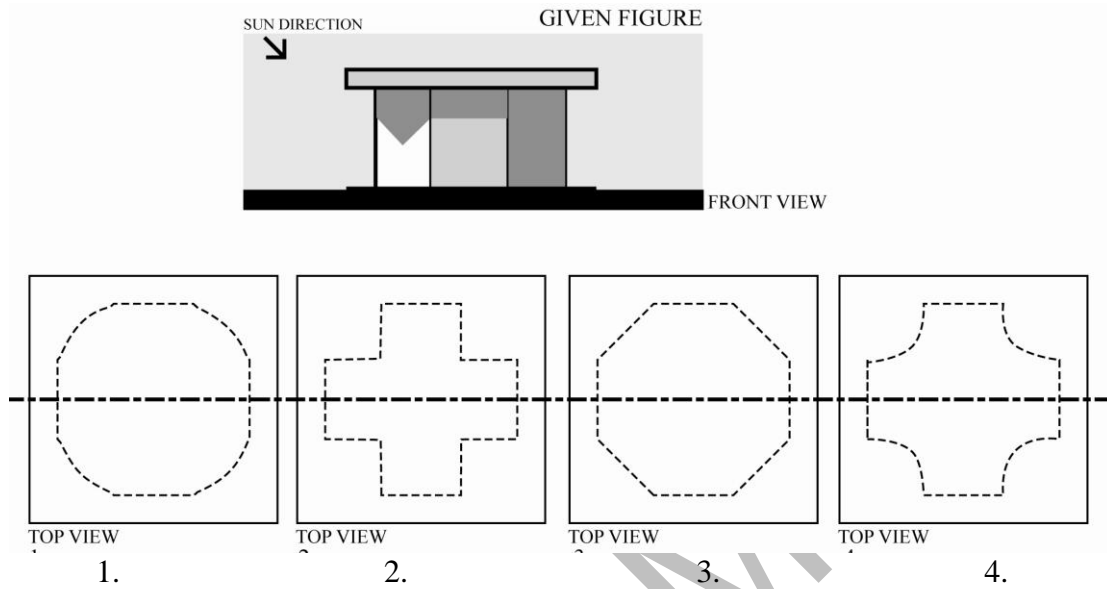




Physics & Design Fundamentals

Item 26-30

-- Which one of the four choices below is the top view of the given figure?



-- Which one of the four choices below best represents the given structure?

The Given Structure



1.



2.



3.



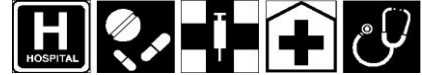
4.



Part II **Generation of Ideas & Design Ability**
4 items (40 points, 60 minutes)

1. Design 5 varieties of symbols or logos for each place as given.
Create 5 designs having different types, shapes, forms, or patterns.
Draw each design in the boxes provided. (10 points)

Sample: Hospital Logo (5 different designs)



1.1 Flower Shop: (5 points)

1

2

3

4

5

1.2 Gift Shop: (5 points)

1

2

3

4

5



2. There are two parts. (10 points)

- 2.1 First, **draw left side view** of the given object. Draw proportionally the straight line and dotted line to represent what elements are in the front and side as shown. (2 points)

THE GIVEN OBJECT



TOP View (1 Points)

LEFT side view (1 Points)

Instruction for Items 2.2-2.3

Then, design 2 different types of a **comfort chair** for selling concert ticket by using this 3-dimensional form as many as you want. Draw 2 different designs in the boxes provided. You can add, subtract, rotate, flip, or insert other elements to create new forms of a good-looking and practical composition.

DESIGN
(8 points)



2.2 DESIGN 1: **comfort chair** (4 points) (use the given object from item 2.1)

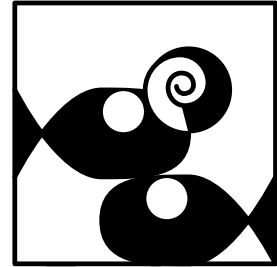
2.3 DESIGN 2: **comfort chair** (4 points) (use the given object from item 2.1)



Item 3-4: Design From Given Inspiration

3. Design four types of a “clock” using an image in the given picture as your inspiration. Generate **four different designs** having different forms or patterns. Draw each design in the boxes provided. (10 points)

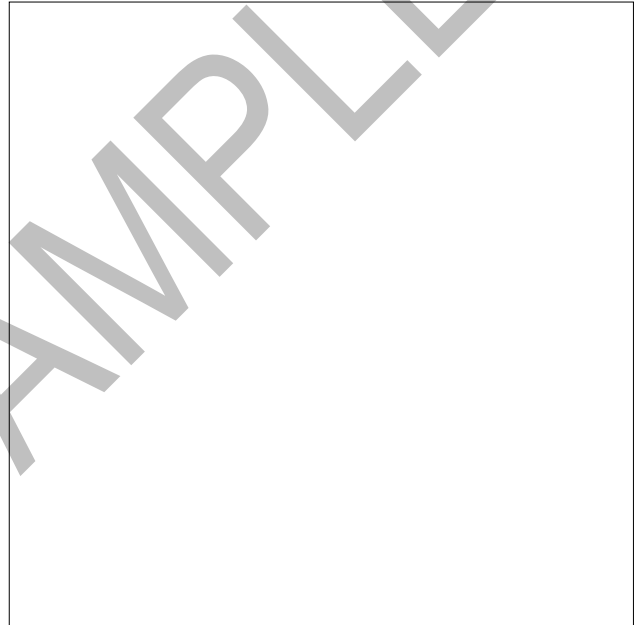
THE GIVEN PICTURE



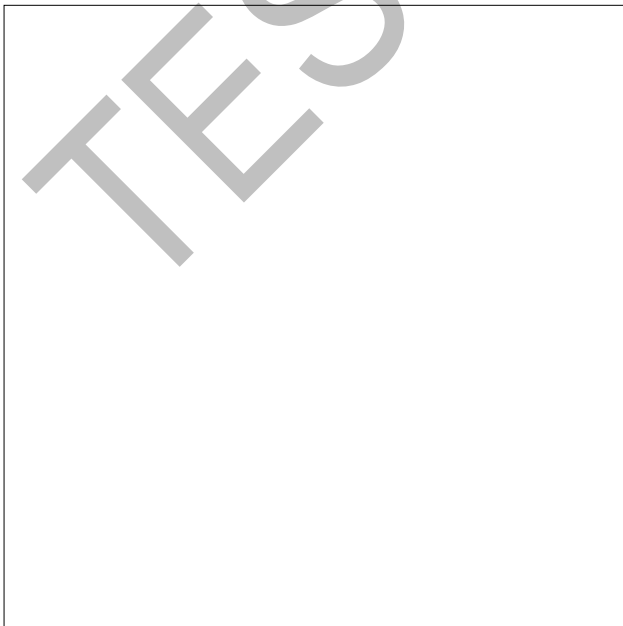
3.1 CLOCK: DESIGN 1



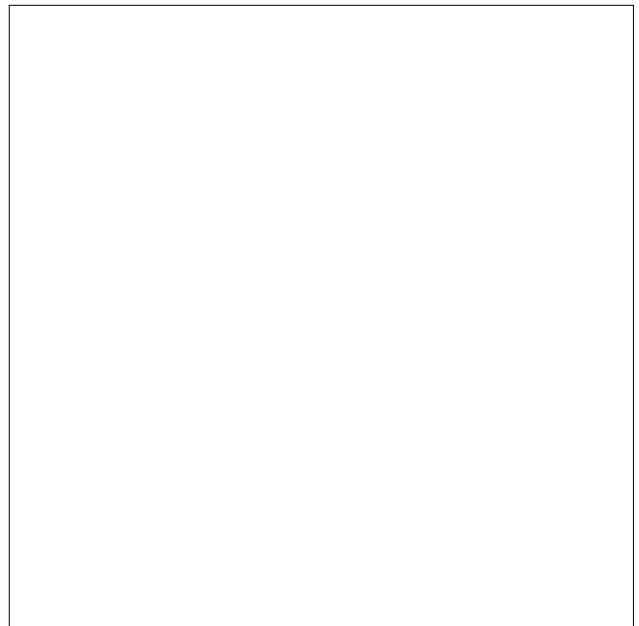
3.2 CLOCK: DESIGN 2



3.3 CLOCK: DESIGN 3



3.4 CLOCK: DESIGN 4



**Part III****Drawing and Painting Skill****2 items (30 points, 90 minutes)**

1. Do imaginative **line drawings** corresponding to the narrative description below. Then **paint** your drawing on the drawing paper provided (page no....). (15 points, 45 minutes)

Imagine you were in a boat just about taking off a ferry. Some people were getting onto the boat. It is the first time you were going to travel along this river. You looked around and saw rows of houses, buildings and a few factories along both sides of the river. There were some green areas amidst buildings from place to place. In the right bank of the river, not very far, you noticed a beautiful serene temple emerged out of a crowded big tree in a park nearby. The river in front of you went straight for some distance and took a winding turn to the right. At the far end of the river you saw an elegant steel-structure bridge bringing people and cars from one bank to another. A huge ferry boat was passing underneath the bridge. A few boats were following it. You began to smile and imagine how fun and excited you would be along this cruising trip.

(Blank space for sketch)



2. Do a line drawing with shade and shadow of your hand in any position you like on the drawing paper provided (page no....). (15 points, 45 minutes)

(Blank space for sketch)

TEST SAMPLE