University of Asia Pacific
Department of Architecture

Admission test

Date:

Applicant's name:

Academic record:

  GPA (SSC) or equivalent:  Institution:

  GPA (HSC) or equivalent:  Institution:

Contact address:

Telephone:

There are ten questions in the following pages. Read them carefully and answer all. For any clarification ask the examiner.
1. Which piece below, when fitted into the piece on the left, will form a perfect square?

A  B  C  D  E

2. Which figure (from A to D) will be the result after folding the top transparent sheet along the dotted line?
3. When the above is folded to form a cube, which is the only one of the following that can be produced?

A  
B  
C  
D  
E  

4. a. Guess the length, width and height of the examination room you are sitting in.

b. How many combined shapes can be generated using the following 3 triangles sharing only the lines? (See the example created by two shapes)
5. When the handle is turned in the direction shown, in which direction (A or B) will the box turn?

6. 0, 1, 2, 4, 6, 9, 12, 16, ?
What number should replace the question mark?

7. The three figures below show a sequence by which a piece of paper has been folded. The last figure shows how this folded paper has been cut.

Which pattern (1-4) most closely resembles the unfolded form of figure C?
Skill test  
(Write on the answer sheet)

8. How will you describe your “dream house”?  

20
9. Draw a sketch of the room where you are sitting for the examination.
10. a) What are the major geographical features of the following divisions of Bangladesh? 5X5 =25

Barisal ________________________________
Chittagong ________________________________
Khulna ________________________________
Rajshahi ________________________________
Sylhet ________________________________

b) What is an “arch”?

c) What is global warming?

d) Name three historic monuments of Bangladesh.

e) Name five notable artists of Bangladesh?
University of Asia Pacific

Aptitude test
Question bank

Question typology

Spatial visualization ability

Form board test
Paper folding test
Surface development test
Cube test
Spatial perception ability – distance, area, length

Reasoning aptitude
  Inductive – pattern recognition
  Logical
  Mathematical

Skill test
  Language
  Drawing
  General knowledge

Situational judgmental test

Question category
Category 1 – easy
Category 2 – mediocre
Category 3 – tough

When the handle is turned in the direction shown, in which direction will the final gear turn? All gears are fixed in their centers.
When the handle is turned in the direction shown, in which direction (A or B) will the box turn?

The three figures below show a sequence by which a piece of paper has been folded. The last figure shows how this folded paper has been cut.

Which pattern (1-4) most closely resembles the unfolded form of figure C?
Directions: A square transparent sheet with a pattern is given. When the transparent sheet is folded at the dotted line, which of the four choices below will result?

(Paper Folding Puzzle created for smartkit site)

Mental rotation puzzle

April 28, 2007 in Brain Teasers and Puzzles, IQ test questions, Paper Folding and Cutting Puzzles, Picture Puzzles, Printable Puzzle, Smartkit All Posts by RK | 9 comments

Mental rotation cube folding puzzles frequently show up on IQ tests. While some are easy, the more challenging ones present a great way to exercise the visual-spatial circuits of your brain…
Balance the Scale Picture Puzzle

September 6, 2007 in Brain Teasers and Puzzles, Logic Puzzles, Math Puzzles, Picture Puzzles, Printable Puzzle, Smartkit All Posts by RK

How many yellow hearts are needed to balance scale #3?

[click on image to jump to high-resolution]

What’s wrong with this picture?

[click on image to jump to high-resolution]