



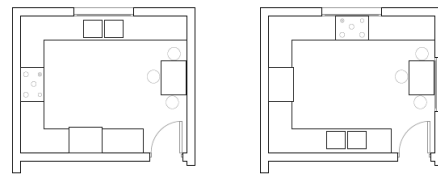
Faculty of Architectural Engineering

Admission Exam Sample (2014/2015)

Part One: Critical Thinking Skills

- a- In this part, students are given several proposals of plan / section of a residential space or an office. Students should choose one of the proposals that has the optimal furniture setting in terms of function and circulation relatively to space dimensions and openings (doors, windows).

An example: Two different layouts for one kitchen plan.



- b- Students are given figures / photos of several public buildings. It is required to write a description of these buildings in terms of form, context, etc., identifying the positive and negative aspects of each as regards to student's opinion.



Part Two: Freehand Drawing and Creativity Skills

- a- To evaluate freehand drawing skills, students are asked to draw an object displayed in front of them with appropriate size, proportion, and shade and shadow.
- b- To evaluate student's creativity and ability to analyze the geometrical composition of any form, it is required to create an abstract composition by the repetition of a given simple shape.



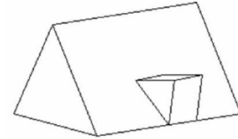
Part Three: Projection Skills

To assess ability in projection, students are given geometrical 3D forms and they are asked to:

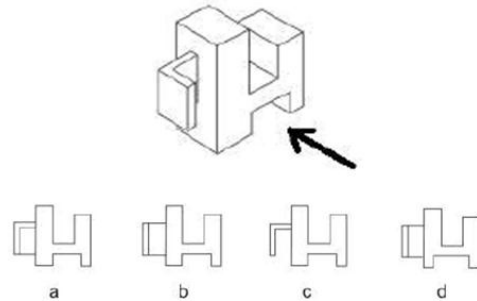
a- Calculate the number of edges or surfaces of the specific form.

Count the number of edges in this form

- a) 10
- b) 11
- c) 9
- d) 12



b- Select from the given drawings, the correct geometrical projection of an object seen from a specific point (top view, side view, front view, bottom view, back view).



Part Four: General Knowledge and Understanding Visual Language

To test student's general culture and architectural knowledge, students are given photos of several buildings and they are asked to identify, with justification, the name, type or function of each building.

