

DEPARTMENT OF ARCHITECTURE
FACULTY OF ARCHITECTURE - UNIVERSITY OF MORATUWA

**Aptitude Test for the Admission to the Bachelor of Architecture (B Arch) Degree
and Bachelor of Landscape Architecture (B L A) Degree - 2015**

(Three Hours) - 03 hrs

Instructions to candidates

1. Answer all **THREE** questions.
2. All questions to be answered in **ENGLISH** only.
3. All questions to be answered on the question paper itself.
4. Write your index number in all answer sheets.
5. Question No. 3 will be given **one hour** before the closing time.
6. **STOP** when instructed and place paper face down on your desks.

Question One	/ 35
Question Two	/ 35
Question Three	/ 30
Total	/ 100

INDEX NO:

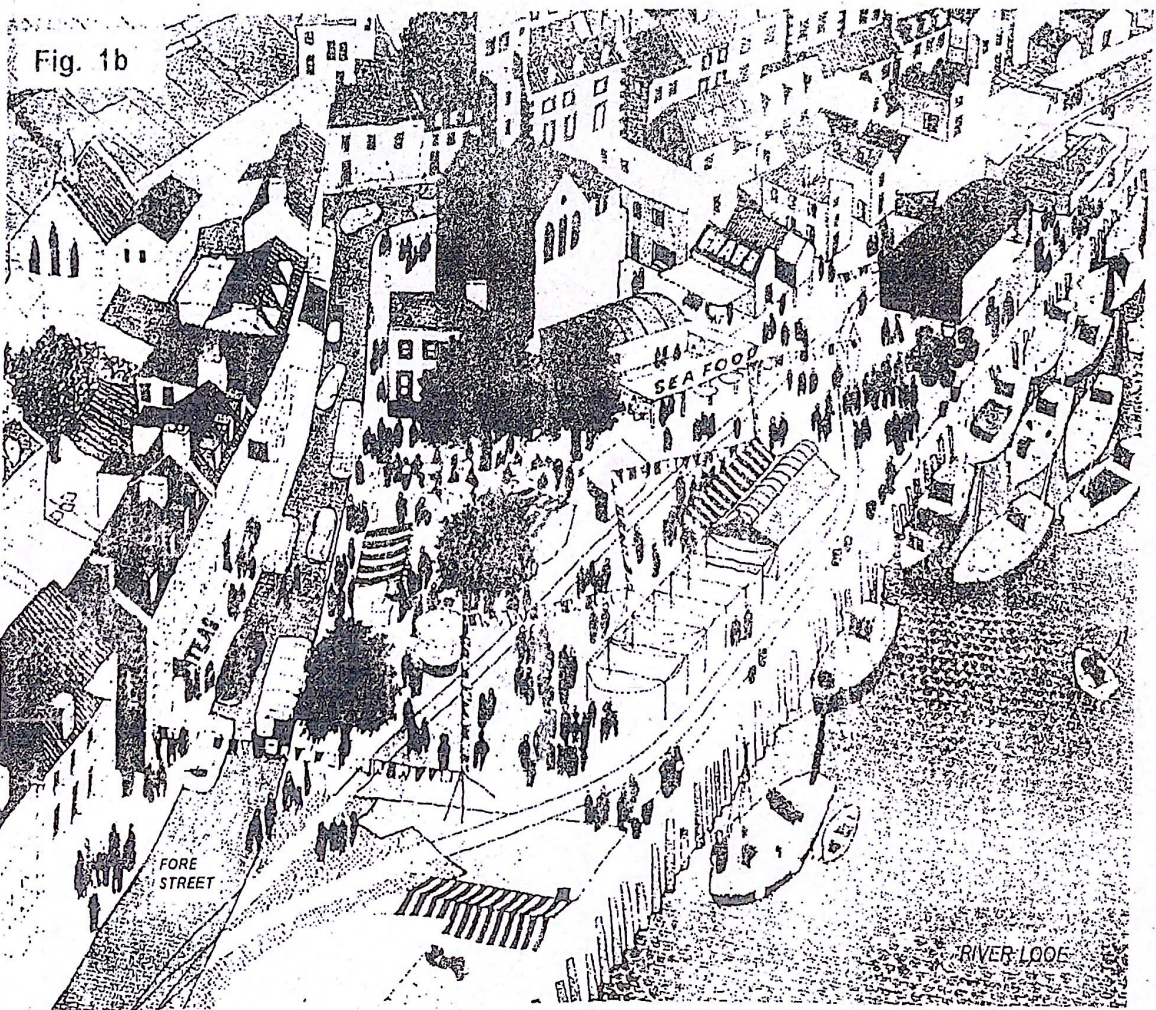
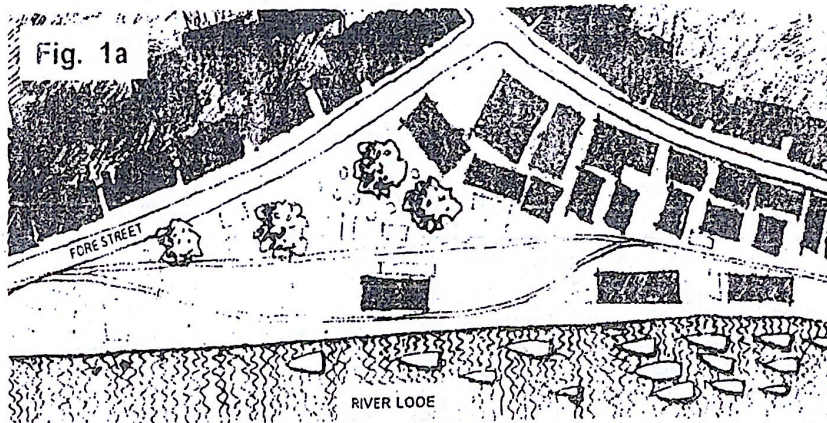
QUESTION ONE (35 MARKS)

'Looe' is a small town and a fishing port in England. Following illustration (1a) is an indicative map of the town center and illustration (1b) is an aerial view of the town sketched from the direction of North-West.

1.1 Study these drawings carefully and select a specific place from this town center, which you would prefer to re-draw.

Indicate your selection on both the map (1a) and the aerial sketch (1b).

1.2 Re-draw an aerial view of your selected location as seen from the direction of South-West in the space provided on page 4.



(Image Source: Townscape p118, Cullen G 1961)



QUESTION TWO

(30 MARKS)

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Your school has selected you to be in the organizing committee of the annual Inter-House Sports Meet for the year 2016. Your main responsibility is to design and organise the construction of the 'House-Tent' for your House.

You are provided with;

- 01) One 10.0m x 5.0m Canvas cover for the roof.
- 02) 20 units of 4.0m long x 100mm diameter Bamboo Poles.
- 03) 6 units of 10.0m long Ropes.
- 04) 200 units of empty tin cans & 100 units of cardboard boxes from local recycling-yard, where you can select in different sizes.
- 05) 3 Cans of Colour Paint to your choice.

2.1 Design the 'House-Tent' using only the provided resources. Draw the front view of your design solution in the space provided on page 5. You are expected to colour your drawing.

(20 MARKS)

2.2 Explain both the construction process and design solution with three dimensional sketches in the space provided on page 6.

(15 MARKS)



QUESTION THREE - 60 MINUTES (30 MARKS)

- o All questions need to be answered on the question paper itself
- o STOP when instructed and place paper face down on your desks

3.1 The images below show an object FLOATING IN THE MIDDLE of a 'glass box'. Below it, is picture of the object, in a new viewing position.

- You are to :
1. look at the picture of the object taken from the new position
 2. imagine yourself moving around the 'glass box', to find the corner from which the picture was taken.
 3. Circle that corner
- Each question has only one correct answer

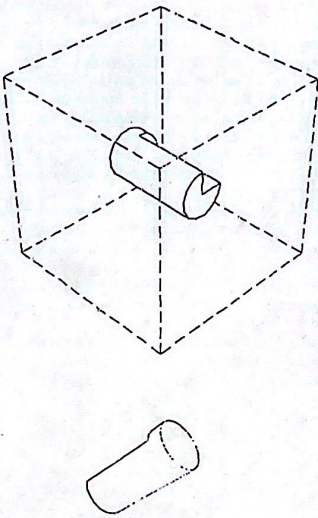
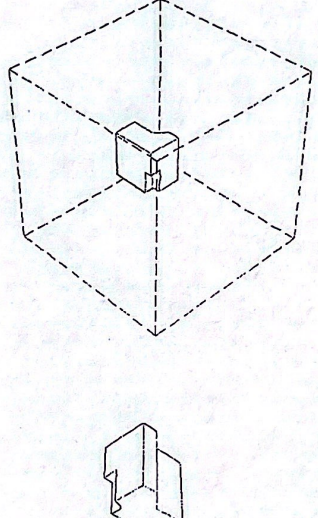
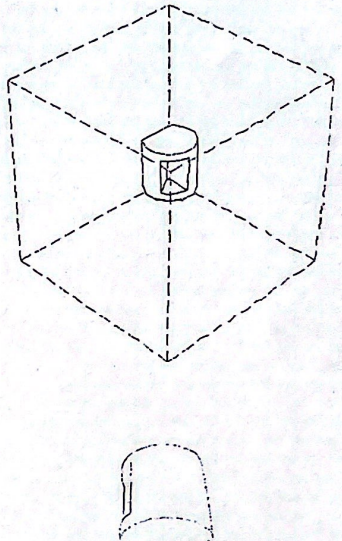
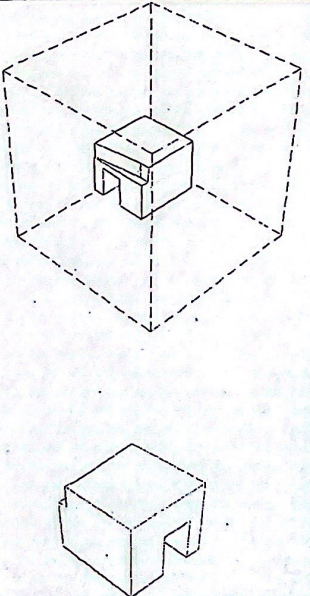
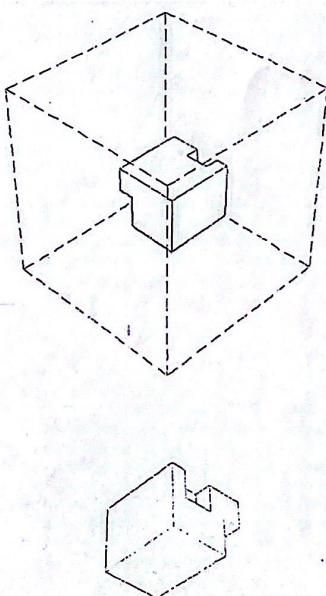
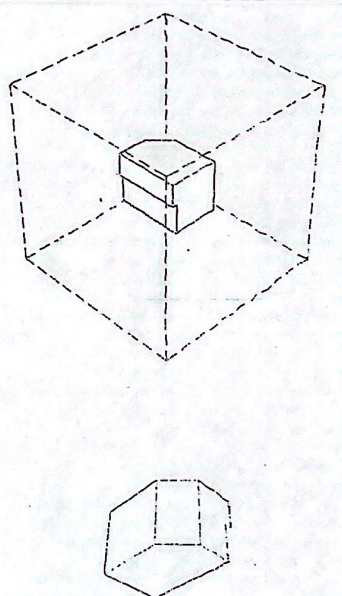
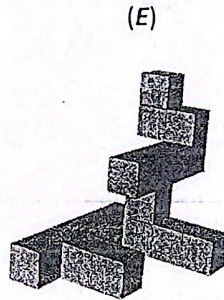
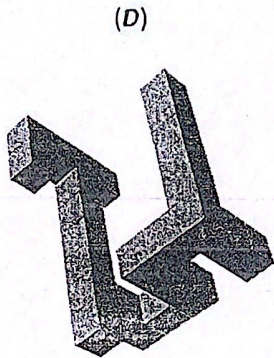
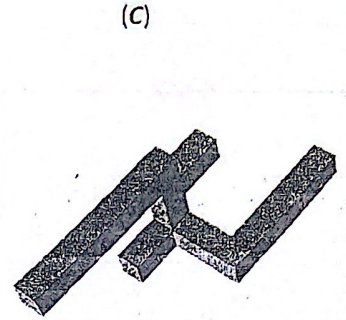
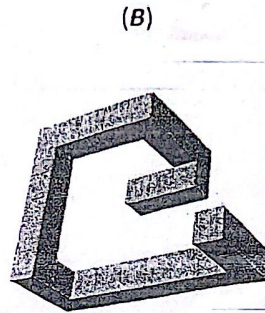
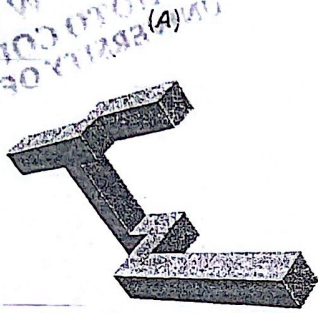
<p>01)</p> 	<p>02)</p> 	<p>03)</p> 
<p>04)</p> 	<p>05)</p> 	<p>06)</p> 

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3.2 Objects named above as *A, B, C, D, E & F* are designed to pass through a slot of at least one of the six different plates indicated below.

Select the object/ objects that would pass through and write the name/ names below the responding plate in the space provided.

<p>07) _____</p>	<p>08) _____</p>	<p>09) _____</p>
<p>10) _____</p>	<p>11) _____</p>	<p>12) _____</p>

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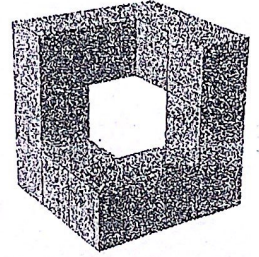
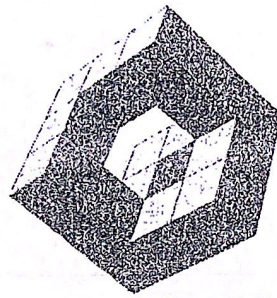
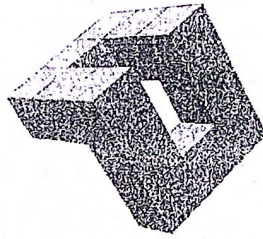
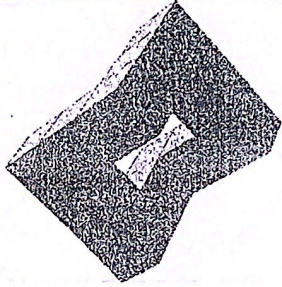
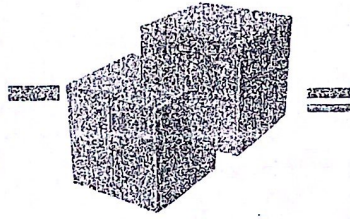
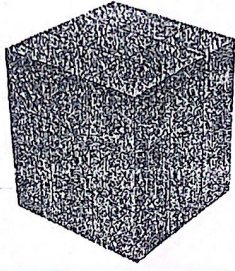


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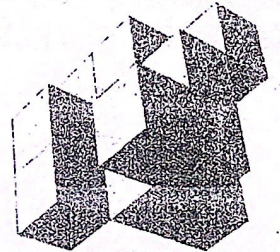
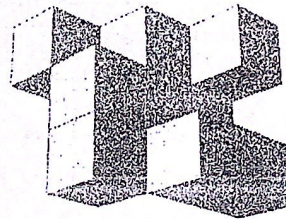
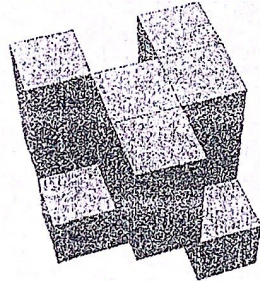
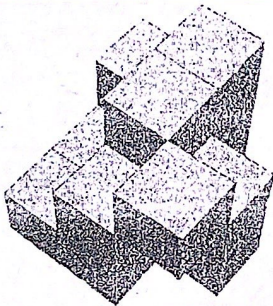
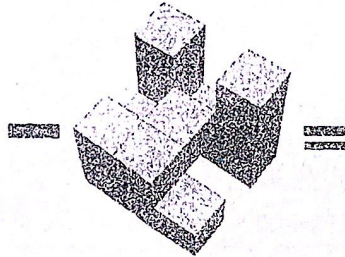
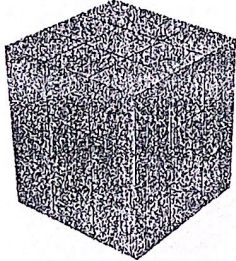
3.3 Select the correct answer & Circle. There maybe more than one answer, which is exactly the same.

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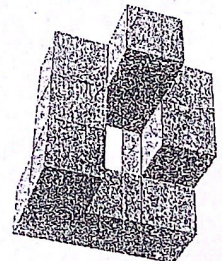
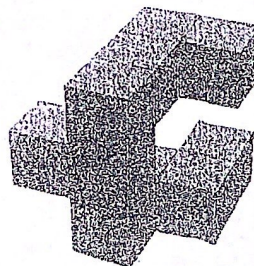
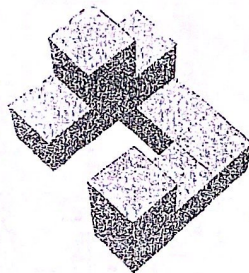
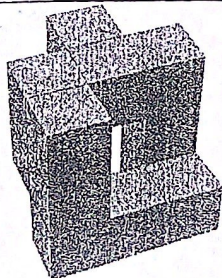
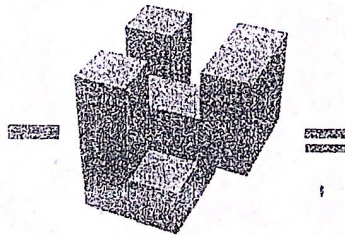
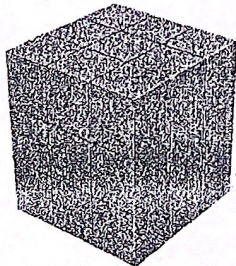
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18



19	
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21	

3.4 Identify the shape that is identical to the one on the left. There may be more than one which is exactly the same. Circle the correct answer/s.

<p>22</p>			
<p>23</p>			
<p>24</p>			



25		
26		
27		

