

**Design Aptitude Test (DAT) 2014
Masters in Craft Management and Entrepreneurship (MCME)**

(To be filled by the Candidate)

Roll No:
(In figures as per admit card)

Roll No.
(In words)

Signature:.....

Test Booklet Code: CDI/MCME/2014-15
Time : 2 Hours
Maximum Marks : 60

INSTRUCTIONS TO CANDIDATES

1. Write your roll number in the space provided on the top of this page.
2. Make sure that you sign in the space provided.
3. Entering your roll number anywhere else (other than the space provided in the cover page) is strictly forbidden.
4. No distinctive mark of any sort is to be put anywhere in the answer book.
5. Violation of these instructions or adoption of malpractices in the examination-hall will lead to disqualification.
6. Write your answers only in English.
7. Write or draw your answers only in the space provided for each question.
8. Do not remove any sheet from this answer book.
9. Before leaving the examination hall, submit this question-cum-answer paper to the invigilator.
10. Separate pages are provided at the end of this book for rough work.
11. Do not detach any of these pages.

Signature of Invigilator.....

CONTENTS

1.	SECTION - I	Visual Perception & Design Sensitivity	10 Marks
2.	SECTION - II	Color & Form Sensitivity	10 Marks
3.	SECTION - III	Creative Ability	10 Marks
4.	SECTION - IV	Problem Identification & Analysis	10 Marks
5.	SECTION - V	Design Problem Solving	15 Marks
6.	SECTION - VI	Craft Appreciation	05 Marks
		TOTAL	60 Marks

section-1: Visual Perception and Design Sensitivity

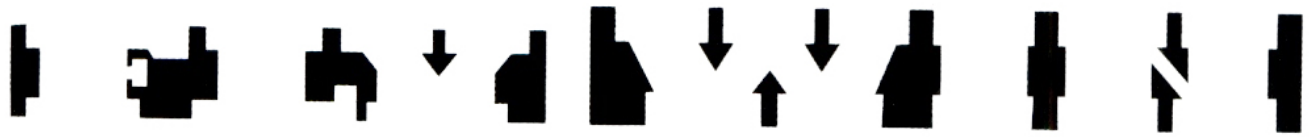
Question 1 (Answer all the questions)

[10 Marks]

1.1

[2 Marks]

The figures below look strange and meaningless, what is the hidden word in these figures?



Answer 1.1 _____

1.2

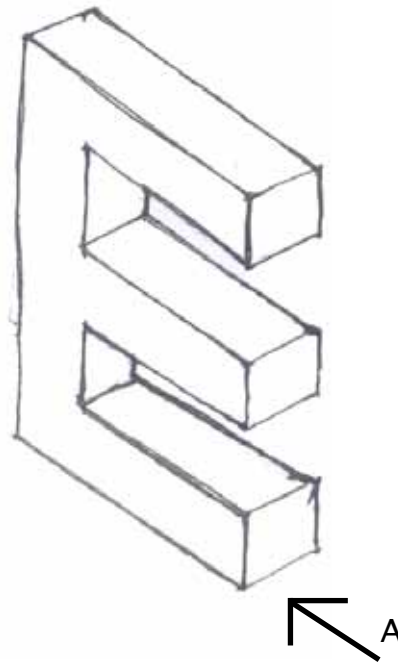
[2 Marks]

To **open** the given below **Tap**, you would require to rotate it:

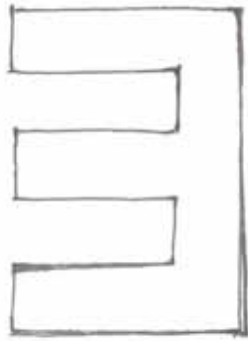
a. Clockwise _____

b. Anti-Clockwise _____





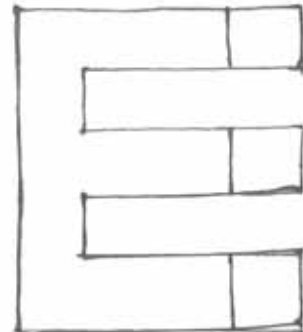
Carefully observe the 3-dimensional shape drawn above and indicate how the same shape would appear, when watched from direction "A".



.....



.....

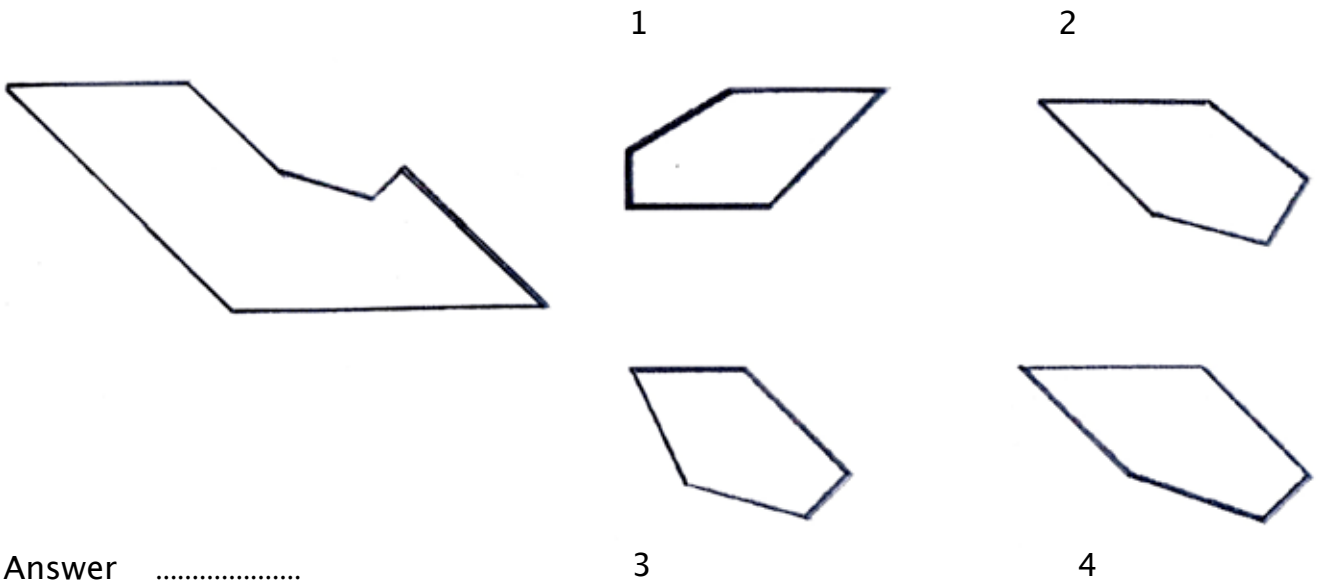


.....

1.4

[2 Marks]

Which out of the 4 figures drawn on the right hand side would exactly fit as part of the figure on the left hand side:

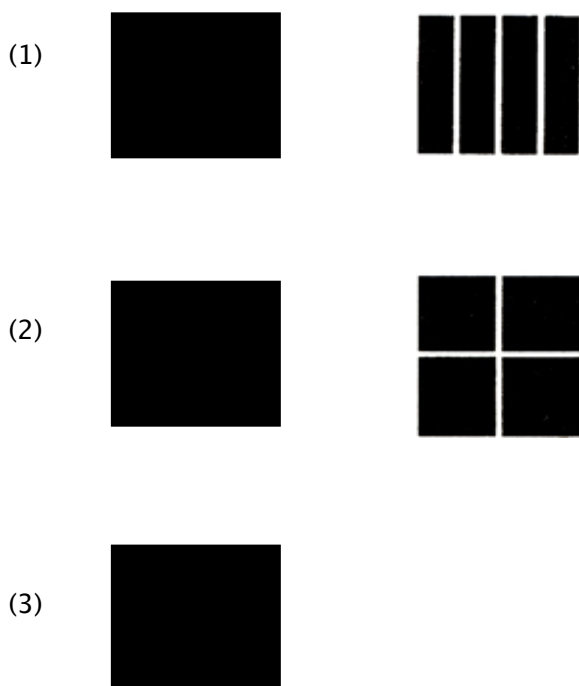


Answer

1.5

[2 Marks]

How would you divide the figure (3) given below into four equal parts as has been done in fig (1) & (2).



Draw your Answer below:

Section-2: Colour and Form Sensitivity

Question 2 (Answer all the questions)

[10 Marks]

2.1

[5 Marks]

Match the Locks with respective Keys as per the design of each:

1 &



a

2 &



b

3 &



c

4 &



d

Colour the buildings, using a maximum of 3 colours for each to depict the following two purposes:

“Hospital” for the building at the top and “Primary School” for the building at the bottom:



HOSPITAL



PRIMARY SCHOOL

Section-3: Creative Ability

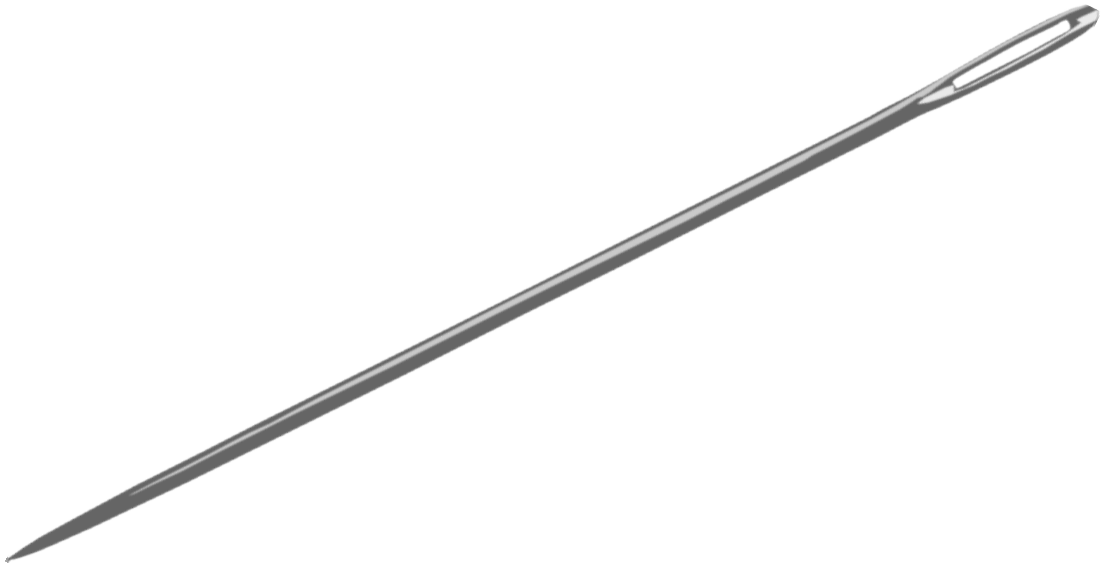
Question 3 (Answer all the questions)

[10 Marks]

3.1

[10 Marks]

Imagine and write down 10 ways in which a Needle may be put to other useful functions . Please do not include it's known use in stitching.



Section-4: Problem Identification and Analysis

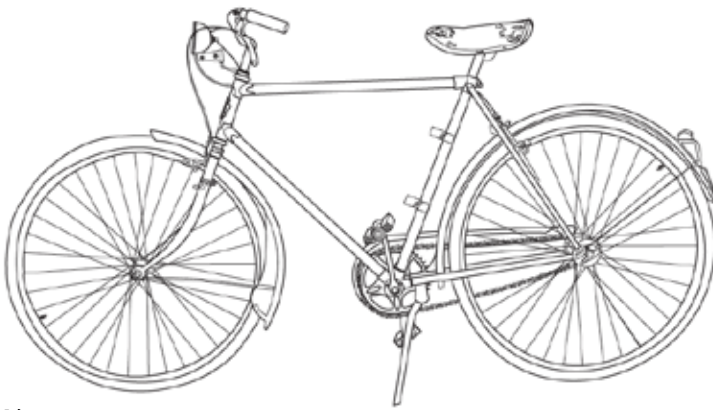
Question 4

[15 Marks]

4.1

[15 Marks]

Given below are 3 alternative design proposals for introducing a bicycle for Postman. Please select the alternative that you consider as the most suitable bicycle design for the proposed service and briefly explain the main reasons for your choice:



(A)



(B)



(C)

Design Problem Solving
Question 5

[15 Marks]

5.1

[15 Marks]

Below is an image of a Television Set used in our homes.



Identify five unique problems from point of view of the users of the above Television set.

- a. Write these unique problems briefly in the space provided on the next page and
- b. write a solution for each of the problems identified by you.

Section-6: Craft Appreciation

Question 6 (Answer all the questions)

[5 Marks]

6.1

[1 Mark]

Which of the following types of wood is used for **Carving** in Kashmir?

- a. Pine b. Walnut c. Rose d. All of these

Answer 6.1 _____

6.2

[1 Mark]

Kashmir Pashmina is known for its?

- a. Warmth b. Luxury c. Both d. None

Answer 6.2 _____

6.3

[1 Mark]

In Kashmir traditionally **Pinjrakari** craft was used in making of?

- a. Doors b. Windows c. Ceiling d. All of these

Answer 6.3 _____

6.4

Numda is a?

- a. Rug b. Carpet c. Shawl d. Wall hanging

Answer 6.4 _____

6.5

Which of the following metals is used in making of **samovar** in Kashmir?

- a. Copper b. Aluminium c. Brass d. Iron

Answer 6.5 _____