

MIT INSTITUTE OF DESIGN

**A QUICK GUIDE
To First Phase Entrance Test**

Screening Test consists of Six types of question

- 1: General awareness and sensitivity Test
- 2: Psychological Test
- 3: Basic design awareness Test
- 4: Colour Test
- 5: Space and dimensional Test
- 6: Problem Solving Test

1: General awareness and sensitivity Test

You will be given a set of questions that ask you to identify and describe specially selected symbols or technical and scientific principles or physical and socio-cultural environments or similar other aspects of our daily life that may have a direct or indirect relationship with design.

A According to the Flag code of India, the Indian flag has a ratio of
i)1:3 ii)2:3 iii)2:5 iv)3:5

B On a standard traffic light, is the green on the top or bottom?

C What two numbers on the telephone dial don't have letters by them?

Things that you can start doing.

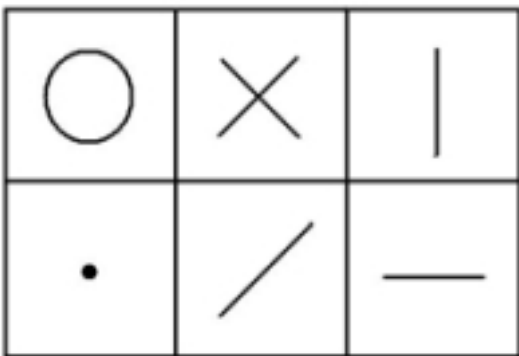
Reference

2: Psychological Test

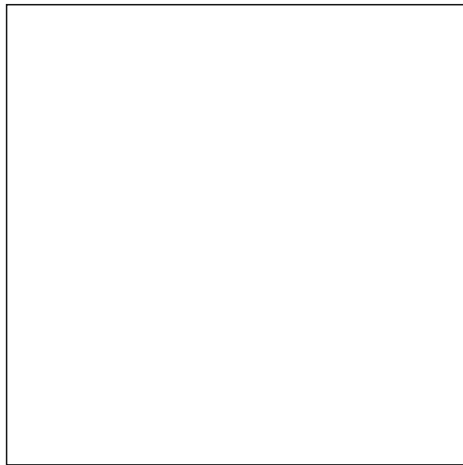
The objective of this test is to understand the behavioural and psychological traits /

pattern of the applicant. For example, you may be given sketches of incomplete figures and asked to complete them.

A Using simple Pencil Drawing, Make anything in the box given below.



B Watch the following picture and using simple drawing draw what you see



Things that you can start doing.

Reference

3: Basic design awareness Test

It would involve identification / analysis / alternative application etc of commonly known objects.

The following are few examples

A. Product application and alternative use test

Here you may be required to analyse a simple object of day to day use in terms of the principles of function, its operation, the materials and methods of making etc and then imagine an alternative use or application of the same. Alternatively, suggest other entirely different principles to perform the same function or operation, which may also suggest a new product.

Eg: Draw a spoon and suggest and describe five other uses of spoon. Can also use line drawing in your description

B. you may be given an unknown object that is either never used before nor is in use today and is asked to imagine various applications or uses.

Eg Identify the following object. Explain how its functions. Write how you are going to use it you get it for one day



C. You may be given a traditional or a relatively modern object that is rarely used today and asked to find out its relevance by way of its function, material, method of making and other details. (typical examples: old surgical implements, cobbler's tools, tools used by oldsmiths, silversmiths, blacksmiths, carpenters etc, sculptor's tools etc)

Eg: Identify the object in the picture given below and describe five different ways that it can be used.



Things that you can start doing.

Reference

4: Colour Test

To observe colour sensitivity and preferences

A Make two dimensional composition on a theme from a) Nature or/and manmade events/occasions/rituals/festival ect

B you have (3 primaries, 3 secondaries, 3 Teriaries; also dark and light greys as well as black and white) .Arrange them as a composition in an area of 200x200 mm

C Indian hockey team is going to participate in world cup. Decide colour scheme for the team.

Things that you can start doing.

Reference

5: Space and dimensional Test

Objective To test the candidate's sensitivity to proportion, scale, size, ratio as well as drawing skills. Here are few examples:

A within a given frame, There already has a sketch of an object, Draw object that are directly related to this object.



B Given: An actual object

Draw it as it is and Try to draw it bigger than the human scale



C Make an isometric drawing of on aluminium strip(say 3mm wide) that is bent at various angles ($90 < 90 > 90$ at a radius and equal distance along the various length)

D Imagine two large letters(alphabets or numbers) printed on a piece of a textile cloth. Draw the letters if the cloth is not lying flat but is either flfattering like a flag or hanging with folds.

E Draw the inside surface characteristic of a 100ft. Long cave having 10" diameter circular entrance and an equilateral triangular exit with each side 12"long

Or

Draw a jug 11" high with a 3" diameter circular mouth and square base. Draw the surface Between the mouth and base.

Things that you can start doing.

Reference

6: Problem Solving Test

Objective: To test the analytical, logical and lateral or creative thinking.

A Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A.(1/3) B.(1/8) C.(2/8) D.(1/16) .

B Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined

word.1. Harvest A.autumn B.stockpile C.tractor D.crop

C Each problem consists of three statements. Based on the first two statements, the third statement may be true, false, or uncertain.

Tanya is older than Eric.

Cliff is older than Tanya.

Eric is older than Cliff.

If the first two statements are true, the third statement is

A.True B.False C.uncertain

D Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

E M E | m m m | E W E | W ? W

M E W E
(1) (2) (3) (4)

Things that you can start doing.

Reference