

Studio Test

Part A – Multiple Choice Questions (MCQ)

(40 marks)

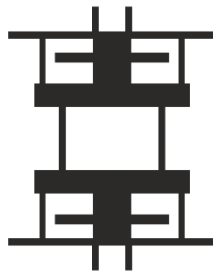
Duration: 15 minutes

Instructions:

1. All 10 Questions are compulsory.
2. Each question has four choices out of which one is the correct answer.
3. There is no negative marking and each correct answer will be awarded 4 marks.
4. Questions not attempted will be given zero mark.

Visual and spatial ability

Q.1 A sheet of paper is folded in half and half again, then the given pattern is cut from it. What does the unfolded cut-out look like?



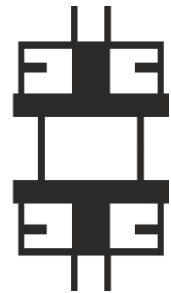
1



2



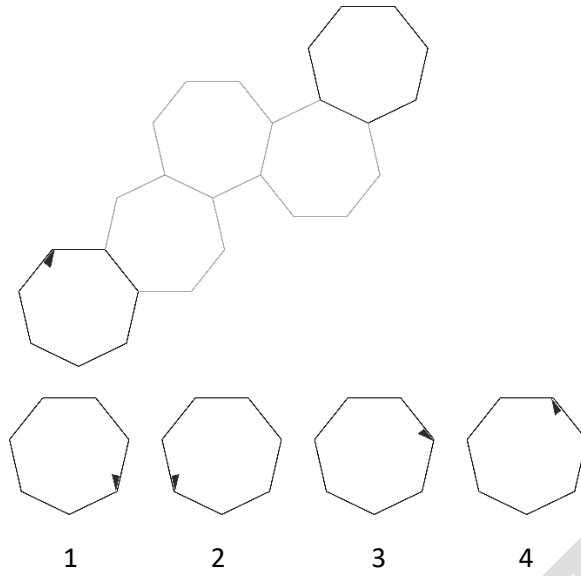
3



4

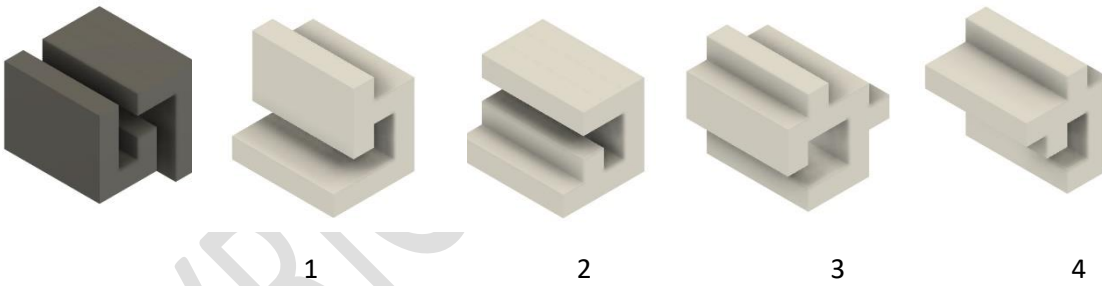
- a. 1
- b. 2
- c. 3
- d. 4

Q.2 The given shape is reflected across its own sides as shown, what will the final reflection look like?



- a. 1
- b. 2
- c. 3
- d. 4

Q.3 Which of the white blocks fits perfectly in the black one to make a perfect cube?



- a. 1
- b. 2
- c. 3
- d. 4

Environmental and social awareness

Q.4 Choose the odd one out

- a. Zomato
- b. Uber
- c. Urban Company
- d. Amazon

Q.5 Study circled area in the picture. We often see this or similar things in the public space. What is the use of this treatment?



Source: <https://bakersfieldnow.com/news/local/neighbors-question-curb-cuts-not-connected-to-sidewalks>

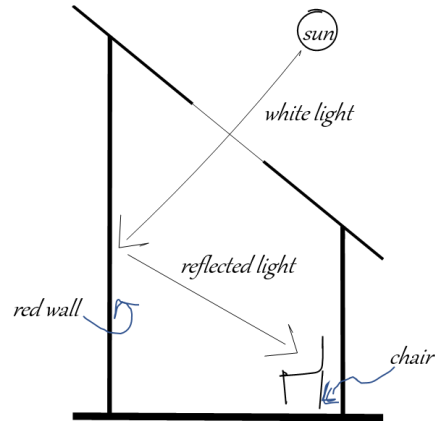
- For bikes to use footpath during heavy traffic and thus to reduce the traffic congestion
- To indicate corners and turnings in roads
- To make public spaces easier to use by everyone
- Irregularities during construction

Logical reasoning

Q.6 A farmer is walking around his rectangular field. He keeps his lunch-bag at one corner and starts walking South for 150 m, then turns left and walks for 50 m, and turns left and walks 30 m. How far away is he from his lunch box?

- 120 m
- 50 m
- More than 120 m
- Less than 50 m

Q.7 A white chair is placed opposite to a wall painted with highly reflective red paint. No artificial sources of light are used, the only source of light is an opening in the roof near the red wall. What will be the colour of chair in the afternoon and at night?



- a. White, no colour
- b. Black, red
- c. White, red
- d. Red, no colour visible

Observation and memory

Q.8 The map of the New York subway system was designed by?



Image sources: <https://www.nycurbanism.com/map-store/1972-vignelli-subway-map>

- a. Marcel Duchamp
- b. Andy Warhol
- c. Massimo Vignelli
- d. Milton Glaser

Q.9 Which of these is the Ashoka chakra from the Indian Flag?



1



2



3



4

- a. 1
- b. 2
- c. 3
- d. 4

Q.10 Which colour does not appear in the Olympics Logo?

- a. Green
- b. Blue
- c. Black
- d. Orange

COPYRIGHT PROTECTED

Studio Test

Part B – Design Challenge

(60 marks)

Duration – 60 Minutes

Instructions:

- *This is a compulsory question.*

Conceptualise and sketch the solution to the challenge given below

Q. 1. Imagine there is an environment change and the entire human civilization is now living under water. The way we live, travel and interact with things around us will change to adapt to this new environment.

Imagine you are living in this new environment and design any one of these options:

- a) Mode of travel
- b) Housing unit
- c) Clothing

Present your ideas in the form of single or multiple sketches.