

NATA 2021 CAAD BITESIZE

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23.06.2021 PCQ/MCQ/MSQ/NAQ

Prepared by
**EXPERTS IN
ARCHITECTURE
EDUCATION**

**ANNA
UNIVERSITY
COUNSELLING
CODE**

1152

**BITESIZE
03**



B.Arch., 9710 55 4545 / 9710 93 0025

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▪ **DIAGRAMMATIC REASONING / LOGICAL REASONING**

▪ **NUMERICAL REASONING**

▪ **VERBAL REASONING / SITUATIONAL JUDGEMENT**

▪ **INDUCTIVE REASONING**

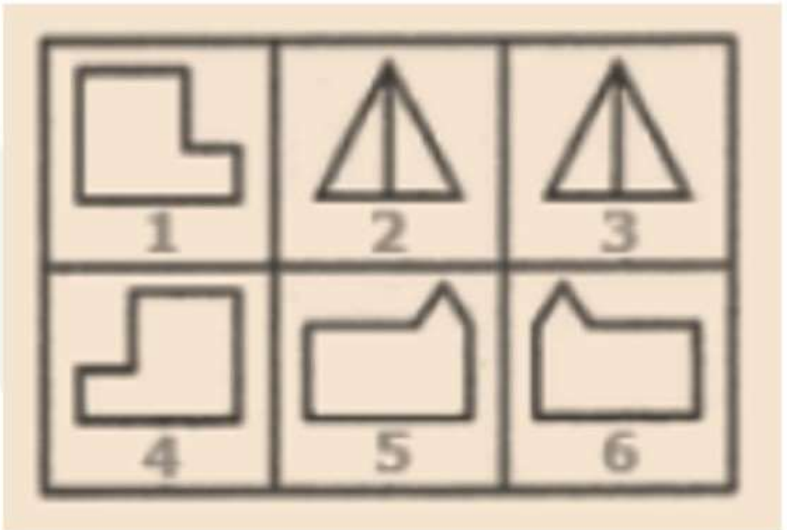
▪ **ABSTRACT REASONING**

▪ **ART MOVEMENT AND HISTORY**

▪ **VISUAL PERCEPTION**

▪ **BUILDING MATERIALS AND CONSTRUCTION**

01. In each of the following questions, group the given figures into three classes using each figure only once.



Source: www.theonlinetestcentre.com

A. 1,5 ; 2,6 ; 4,3

B. 1,2 ; 3,6 ; 4,5

C. 1,6 ; 2,3 ; 4,5

D. 1,4 ; 2,3 ; 5,6

Answer key

D. 1,4 ; 2,3 ; 5,6

Theory

(1, 4), (2, 3) and (5, 6) are three different pairs of identical figures.

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02. Kiran walks a distance of 60 m from his house towards the south, then turns 90degrees left and walks another 20 m. After this he turns North, walks a distance of 40 m and stops to see in which direction he should walk to reach his house. In which direction should he start moving to reach his house?

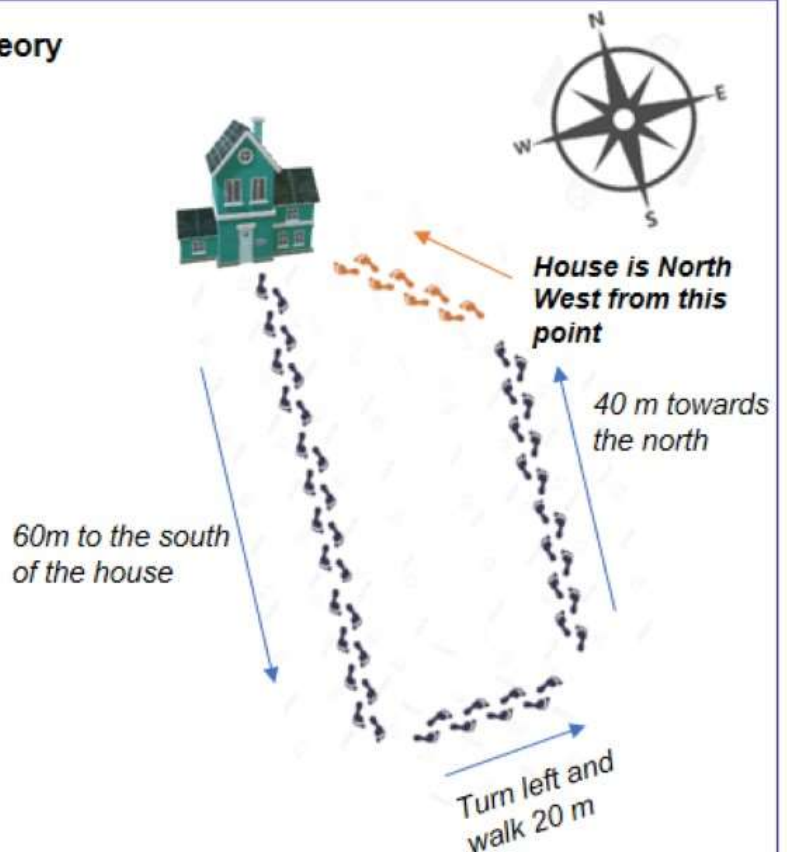
A. North

B. North - West

C. East

D. South west

Theory



Kiran should finally move in the North-West direction to reach his house.

Answer key

B. North West

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03. A part of the sentence is *italicised and underlined*. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

He died in the year 1960 at 11pm on 14 July.

A. on 14 July in the year 1960 at 11pm

B. in the year 1960 on 14 July at 11pm

C. at 11pm on 14 July in the year 1960

D. No improvement

Answer key:

C. at 11pm on 14 July in the year 1960

Explanation:

The time should be written before the date, month and year in the same order.

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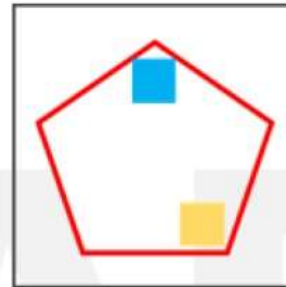
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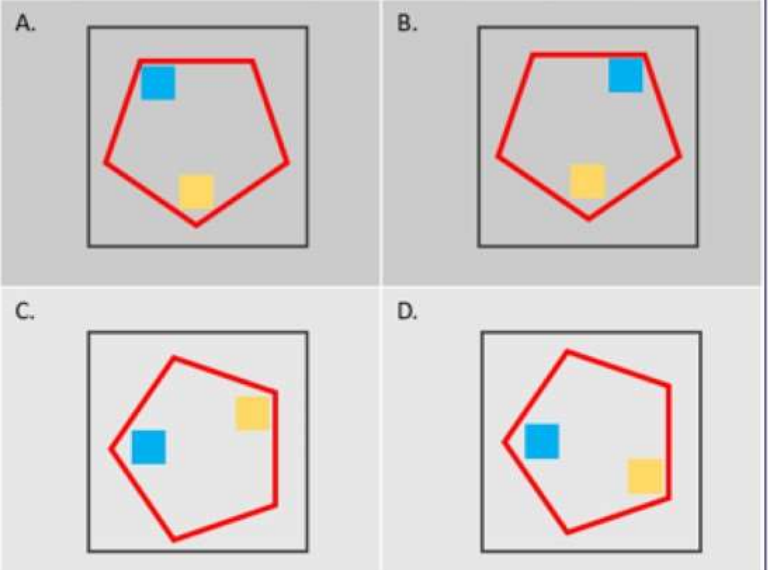
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04. Which figure is identical to the first?

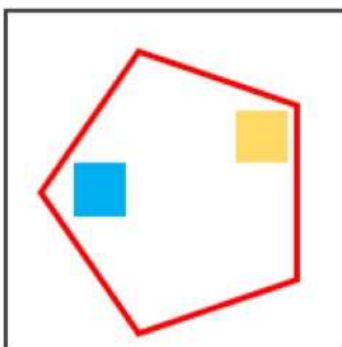


Source: CAAD- DRL



Answer key

C.



Theory

GROUP ROTATION (TWO DIMENSIONAL)

In this method, the task is to identify the choices given to the original shape/pattern. The multiple choices comprise of the original shape/pattern after single/ multiple rotations.

Key Strategy - Choose the asymmetrical shape in the group and determine how the shape would look when rotated clockwise or anticlockwise.

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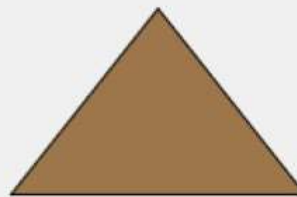
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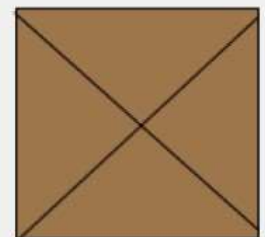
05. How will the top view of the Pyramid of Cheops look like?



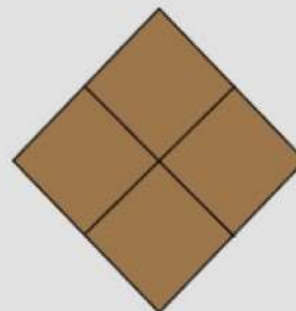
A.



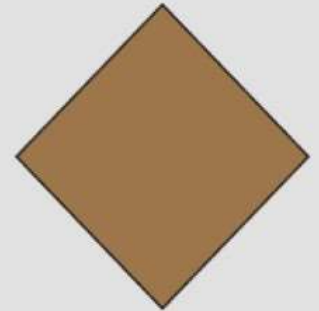
B.



C.

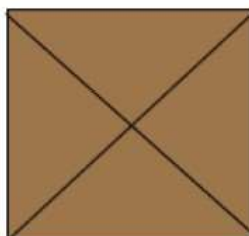


D.



Answer key

B.



Theory

Pyramid of Cheops is a Square Pyramid in shape.

Option A is the front view or elevation of the Pyramid

Option B, C and D have a square base. Option D has not shown the pointed apex of the pyramid. Option C has the apex but the slope lines are not connecting the vertices of square base. Hence Option B is correct.

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06. Name the famous Indian painter who created this painting?



A. M. F. Hussain

B. Ravi Varma

C. S. H. Raza

D. Paul Klee

Answer key

C. S. H. Raza

Theory

Sayed Haider Raza is one of the most prominent and groundbreaking Indian painters of his generation. In 1970, Raza began to paint purely geometric forms, particularly the circle and the dot, which he likened to the idea of the bindu. Though his style changed drastically over the course of his career, Raza's works were all united in their emphasis on color, and their references to memory and mood.

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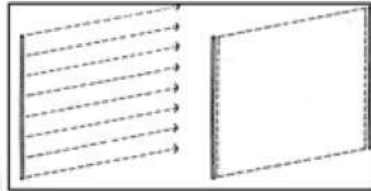
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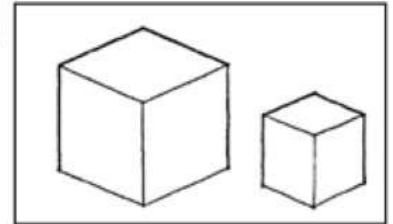
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07. If a line is extended in a direction other than it's intrinsic direction, it becomes a

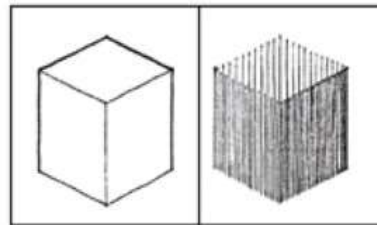
A. Plane



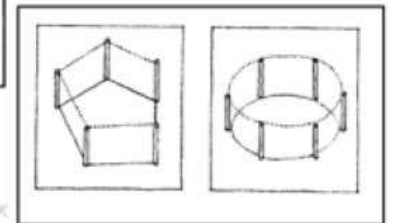
B. Form



C. Texture



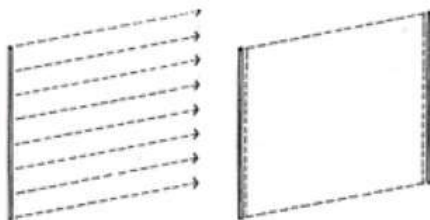
D. Space



source: Form, Space, and Order by Francis D. K. Ching

Answer key

A. Plane



Theory:

- A line extended in a direction other than its intrinsic direction becomes a plane.
- Conceptually, a plane has length & width, but no depth.
- Shape is the primary identifying characteristic of a plane.

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08. Read the Assertion and Reason given and choose from one of the options given below:

Assertion A: Teak wood is used for making furniture and decorative woodwork.

Reason R: Teak wood can be easily carved, polished to an excellent finish.

1. Both A and R are true and R is the correct explanation of A
2. Both A and R are true but R is not the correct explanation of A
3. A is true but R is false
4. A is false but R is true

A. Option - 1

B. Option - 2

C. Option - 3

D. Option - 4

Answer key

A. Option - 1

Theory

PROPERTIES & USES OF TEAK WOOD:

Teak is a hardwood, but it is softer than most domestic hardwoods. Teak's softness contributes to its workability. It is highly durable and water resistant. It is generally fine to coarsely grained, has even texture, medium luster and an oily feel. Because of these properties it is used for boat building, veneer, furniture, carvings, flooring, doors, windows etc.

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