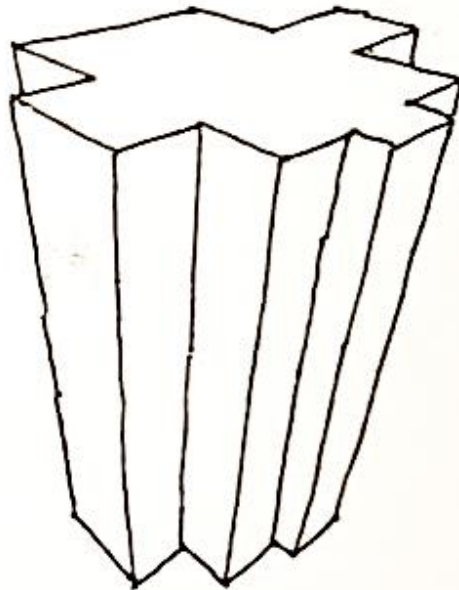


VISUAL REASONING	LOGICAL DERIVATION	NUMERICAL ABILITY
GENERAL KNOWLEDGE, ARCHITECTURE & DESIGN		
DESIGN THINKING	LANGUAGE INTERPRETATION	DESIGN SENSITIVITY

The image of the building is drawn using perspective method.



Source: CAAD- DRL

A. One point perspective

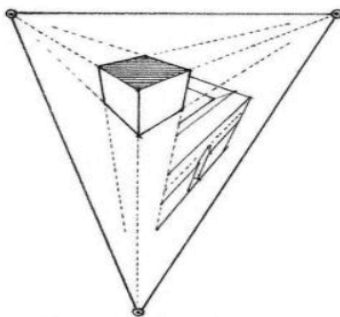
C. Three Point Perspective

B. Two Point Perspective

D. None of the above

Answer key:

C. Three Point Perspective



Theory:

THREE-POINT PERSPECTIVE:

Three point perspective uses three vanishing points where two of them are on the horizon line and the third is either high above the horizon line or way below it.

Suggested Reading: Basics of Perspective

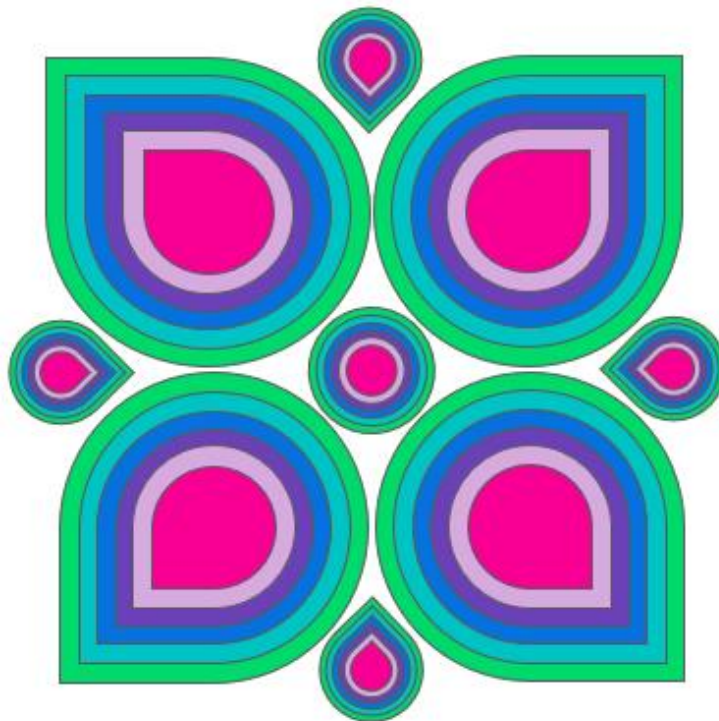
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VISUAL REASONING	LOGICAL DERIVATION	NUMERICAL ABILITY
GENERAL KNOWLEDGE, ARCHITECTURE & DESIGN		
DESIGN THINKING	LANGUAGE INTERPRETATION	DESIGN SENSITIVITY

What type of colours are used to create the 'kolam' given below?



A. Primary Colours

C. Secondary Colours

B. Cool Colours

D. Warm Colours

Answer key:

Theory:

Cool colors consist of blue, green, purple, and combinations of these and similar colors.



B. Cool Colours

Suggested Reading: colour theory

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GENERAL KNOWLEDGE, ARCHITECTURE & DESIGN		
DESIGN THINKING	LANGUAGE INTERPRETATION	DESIGN SENSITIVITY

A man spends Rs. 500 in buying 12 tables and chairs. The cost of one table is Rs. 50 and that of one chair is Rs. 40. What is the ratio of the numbers of the chairs and tables purchased?

A. 5:1

B. 1:5

C. 3:1

D. 1:6

Answer key:

A. 5:1

Theory:

Let the number of tables purchased be x .

Then, number of chairs purchased = $(12 - x)$.

$$50x + 40(12 - x) = 500$$

$$\Leftrightarrow 50x - 40x = 500 - 480$$

$$\Leftrightarrow 10x = 20$$

$$\Leftrightarrow x = 2.$$

So, number of tables = 2

and number of chairs = 10.

Hence, required ratio = $10 : 2 = 5 : 1$

Suggested Reading: Ratio and Proportion

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A canteen requires 105kgs of wheat for a week. How many kgs of wheat will it require for 58 days?

A. 570

B. 870

C. 670

D. 970

Answer key:

B. 870

Theory:

Let the required quantity be x kg.

Then, More days, More cost

$$7 : 58 :: 105 : x$$

$$\Rightarrow 7 \times x = 58 \times 105$$

$$\Leftrightarrow x = (58 \times 105) / 7 = 870$$

Hence, the canteen will require 870 kg of wheat for 58 days.

Suggested Reading: Ratio and Proportion

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Which of the following statements about asbestos cement sheets is not correct?



Source: indiamart.com

- | | |
|----------------------------------|------------------------------|
| A. They are light in weight | B. They are fire-resistant |
| C. They require protective paint | D. They are vermin resistant |

Answer key:

C. They require protective paint

Theory:

Asbestos cement sheets are light in weight, fire-resistant and vermin resistant. They do not require any protective paint. These sheets are widely used in industries, factories, cinemas, auditoriums etc.

Suggested Reading: Basics of building construction/Components

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This Los Angeles concert hall, designed by Frank Gehry, utilizes stainless steel panels in unconventional shapes to create a visually striking and acoustically optimized performance space.



Source: [Walt Disney Concert Hall - Wikipedia](#)

A. Walt Disney Concert Hall

C. Dolby Theatre

B. Hollywood Bowl

D. Griffith Observatory

Answer key:

Theory:

Explanation: The details of stainless steel panels, unconventional shapes, Frank Gehry's design, and a focus on acoustics specifically identify the Walt Disney Concert Hall, renowned for its groundbreaking architecture and exceptional sound quality.

A) Walt Disney Concert Hall

Suggested Reading: History of Architecture

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VISUAL REASONING	LOGICAL DERIVATION	NUMERICAL ABILITY
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DESIGN THINKING	LANGUAGE INTERPRETATION	DESIGN SENSITIVITY

Design thinking typically is a

- A. Non-linear process
- B. Linear process
- C. Cyclic process
- D. None of the above

Answer key:

A. Non-linear process

Theory:

Design thinking is characterized by its non-linear nature, meaning that it does not follow a predetermined sequence of steps. Instead, it is an iterative and flexible process that allows designers to move back and forth between different stages as needed.

Suggested Reading: Design Thinking

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VISUAL REASONING	LOGICAL DERIVATION	NUMERICAL ABILITY
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DESIGN THINKING	LANGUAGE INTERPRETATION	DESIGN SENSITIVITY

Read the passage and answer the question.

Businesses today routinely keep track of large amounts of both financial and non-financial information. Sales departments keep track of current and potential customers; marketing departments keep track of product details and regional demographics; accounting departments keep track of financial data and issue reports. To be useful, all this data must be organized into a meaningful and useful system. Such a system is called a management information system, abbreviated MIS. The financial hub of the MIS is accounting. Accounting is the information system that records, analyzes, and reports economic transactions, enabling decision makers to make informed choices when allocating scarce economic resources. It is a tool that enables the user, whether a business entity or an individual, to make wiser, more informed economic choices. It is an aid to planning, controlling, and evaluating a broad range of activities. A financial accounting system is intended for use by both the management of an organization and those outside the organization. Because it is important that financial accounting reports be interpreted correctly, financial accounting is subject to a set of _____ guidelines called “generally accepted accounting principles” (GAAP).

The word that would fit most correctly into the blank in the final sentence is

- A. discretionary
- B. convenient
- C. austere
- D. stringent

Answer key:

D. Stringent

Theory:

Choice D. Stringent

The final sentence emphasizes the importance of correct interpretation of financial accounting. Choice A is wrong, because something so important would not be discretionary (optional). Choice B may be true, but it is not as important for guidelines to be convenient as it is for them to be rigorous. Choice C is wrong because the word austere connotes sternness. People may be stern, but inanimate entities, such as guidelines, cannot be.

Suggested Reading: Comprehension

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This passage is most likely taken from

- A. A newspaper column
- B. A business Textbook
- C. An essay about modern business
- D. Government Document

Answer key:

B. A Business Textbook

Theory:

Choice B. A business Textbook

The passage contains objective information about accounting such as one might find in a textbook. There is nothing new or newsworthy in it (choice A). The passage does not contain the significant amount of personal opinion one might find in an essay (choice C). It does not deal with matters that might involve government (choice D).

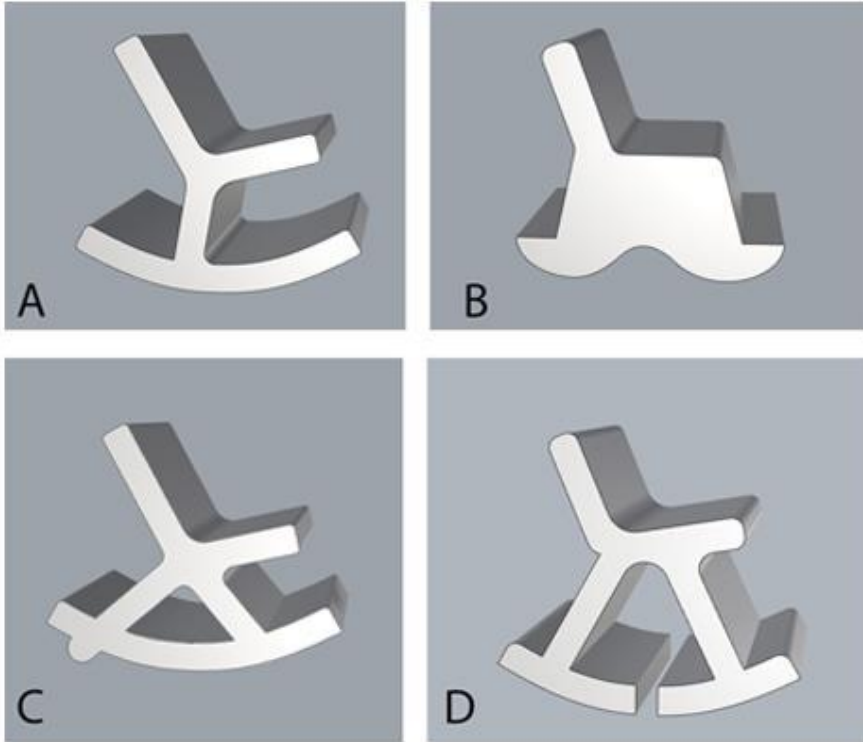
Suggested Reading: Comprehension

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Which of the chairs will rock TO AND FRO?



A. A, B

C. B, D

B. B, C

D. A, D

Answer key:

Theory:

D. A and D

The profile of the chairs in figures A and D are conducive for the rocking motion.

Options B and C cannot rock as the curved surfaces do not support rocking.

D. A, D

Suggested Reading: Logical Thinking

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