

NID DAT 2027

Free Mock Test — Sample Paper 1

Subjects	General Knowledge & Design Awareness, Numerical & Logical Reasoning, Creativity Awareness
Questions	15 (5 per subject)
Question Type	Multiple Choice (single correct)
Marking Scheme	+1 for correct, 0 for incorrect
Suggested Time	30 minutes

This is a free, unofficial practice paper created by freemock.in to help you get comfortable with the NID DAT (Prelims) written-test format. It is not published or endorsed by the National Institute of Design (NID). Note: the actual DAT also includes a drawing/studio test, which this paper does not cover.

Attempt all questions, then check your answers against the answer key on the last page.

Section A — General Knowledge & Design Awareness

Q1. The term 'Ergonomics' in design refers to:

- (A) Colour theory
- (B) Designing for human comfort and efficiency
- (C) 3D modelling
- (D) Typography

Q2. Which of these is a primary colour in the traditional (RYB) colour model?

- (A) Green
- (B) Orange
- (C) Red
- (D) Purple

Q3. The Bauhaus movement, influential in modern design, originated in:

- (A) France
- (B) Germany
- (C) Italy
- (D) USA

Q4. 'Typography' primarily deals with the design and arrangement of:

- (A) Buildings
- (B) Type/lettering
- (C) Furniture
- (D) Textiles

Q5. Which of these is an example of sustainable design practice?

- (A) Using single-use plastics
- (B) Designing for recyclability and reuse
- (C) Ignoring material lifecycle
- (D) Maximising packaging

Section B — Numerical & Logical Reasoning

Q6. Find the next shape in a logical sequence typically follows a pattern of rotation or size change — for the series 2, 6, 18, 54, the next term is:

- (A) 108
- (B) 148
- (C) 162
- (D) 216

Q7. If a design brief requires a 1:2 scale model of a 3 m tall object, the model height should be:

- (A) 0.5 m
- (B) 1 m
- (C) 1.5 m
- (D) 2 m

Q8. A rectangle has a length twice its width. If the perimeter is 36 cm, the width is:

- (A) 4 cm
- (B) 6 cm
- (C) 8 cm
- (D) 12 cm

Q9. Which figure completes the analogy: Square is to Cube as Circle is to:

- (A) Cylinder
- (B) Sphere
- (C) Cone
- (D) Triangle

Q10. If red mixed with blue makes purple, then blue mixed with yellow makes:

- (A) Orange
- (B) Green
- (C) Brown
- (D) Pink

Section C — Current Affairs & Creativity Awareness

Q11. Which Indian institute is a pioneer in design education, established in 1961?

- (A) IIT Delhi
- (B) National Institute of Design (NID)
- (C) NIFT
- (D) IIM Ahmedabad

Q12. 'User Interface (UI) design' is primarily concerned with:

- (A) Backend databases
- (B) How a product looks and is interacted with
- (C) Manufacturing cost
- (D) Supply chain

Q13. A 'mood board' in design is used to:

- (A) Track project budgets
- (B) Visually communicate a design concept or theme
- (C) Store client contracts
- (D) Schedule meetings

Q14. Sustainable/eco-friendly packaging design primarily aims to reduce:

- (A) Brand visibility
- (B) Environmental impact
- (C) Product price only
- (D) Shelf life

Q15. The design principle of 'Balance' refers to:

- (A) Random placement of elements
- (B) Even visual weight distribution in a composition
- (C) Only symmetrical designs
- (D) Using a single colour

Answer Key

Q.No	Answer	Q.No	Answer	Q.No	Answer
1	B	2	C	3	B
4	B	5	B	6	C
7	C	8	B	9	B
10	B	11	B	12	B
13	B	14	B	15	B

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