

GRAPHIC ERA UNIVERSITY

Graphic Era Common Entrance Test (GECET)

Sample Test Paper – Design

Total Duration: 120 Minutes (Aptitude plus Domain specific)

Total Aptitude Questions: 50

Total Aptitude Marks: 70

Marks for Domain paper: 30

IMPORTANT INSTRUCTIONS

1. Read each question carefully before answering.
 2. All questions are compulsory.
 3. There is no negative marking.
 4. Use of calculators is not permitted unless explicitly allowed.
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Marking Scheme:

- Domain-Specific: 15 Questions \times 2 Marks = 30 Marks
 - Aptitude: 30 Questions \times 1 Mark + 20 Questions \times 2 Marks = 70 Marks
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SECTION 1: APTITUDE

(Common Aptitude Sample Questions in a separate document)

SECTION 2

Domain Specific (2 Marks Each)

1. In a 3×3 grid, three symbols — circle, square, and triangle — are arranged such that each symbol appears exactly once in every row and every column.

Row 1: circle, square, triangle

Row 2: square, triangle, circle

Row 3: triangle, circle, _____

What is the final symbol needed to complete the third row?

- a) square
 - b) star
 - c) hexagon
 - d) triangle
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2. Imagine a flat “T”-shaped piece of paper consisting of six equal squares. If you fold this net into a 3D solid, which shape will it form?

- a) cylinder
 - b) tetrahedron
 - c) cube
 - d) pyramid
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3. An airport has two long terminals. Terminal A uses numbers (1, 2, 3), and Terminal B also uses numbers (1, 2, 3). Why is this a poor design for navigation?

- a) it uses too many numbers
 - b) it causes confusion because “gate 1” exists in two different places
 - c) people prefer letters over numbers
 - d) the numbers are too small to read
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4. A pattern of dots is arranged in increasingly larger square grids:

1st square: 1×1 grid → 1 dot

2nd square: 2×2 grid → 4 dots

3rd square: 3×3 grid → 9 dots

How many dots will be in the 4th square (4×4 grid)?

- a) 16
 - b) 12
 - c) 13
 - d) 25
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5. Three gears A, B, and C are connected in a straight line. Gear A touches Gear B, and Gear B touches Gear C. If Gear A rotates clockwise, in which direction does Gear C rotate?

- a) counter-clockwise
 - b) clockwise
 - c) it remains stationary
 - d) it oscillates back and forth
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6. Which iconic architectural landmark is defined by four massive tapering iron lattice legs that meet to form a single spire?

- a) leaning tower of pisa
 - b) burj khalifa
 - c) eiffel tower
 - d) taj mahal
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7. A logo fragment shows a simple bold "swoosh" or checkmark shape. Which global brand does this mark represent?

- a) reebok
 - b) puma
 - c) nike
 - d) adidas
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8. In technical drawing, a 3D object is described by three primary views.

Front view: rectangle

Side view: rectangle

Top view: perfect circle

Which 3D shape matches these descriptions?

- a) sphere
 - b) cube
 - c) cylinder
 - d) cone
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9. If you look at a clock in a mirror and the time appears to be 9:00, what is the actual time?

- a) 12:45
 - b) 21:00
 - c) 03:00
 - d) 09:00
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10. You have four textures: sandpaper, silk, polished granite, and frosted glass. Which one is the odd one out based on tactile frictional properties?

- a) silk
 - b) polished granite
 - c) sandpaper
 - d) frosted glass
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11. Complete the analogy:

Anchor is to ship as brake is to _____.

- a) wheel
 - b) pedal
 - c) horse
 - d) car
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12. In a photograph of a building, the shadows are very long and the light has a warm orange-yellow tint. What time of day was the photo most likely taken?

- a) exactly noon
 - b) midnight
 - c) early morning or late afternoon
 - d) mid-morning
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13. A solid cylinder is cut by a flat plane at a 45-degree angle to its vertical axis. What is the shape of the resulting cross-section?

- a) circle
 - b) rectangle
 - c) triangle
 - d) ellipse
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14. When a straight straw is placed in a glass of water, it appears to bend at the surface. This optical phenomenon is called:

- a) diffraction
 - b) reflection
 - c) refraction
 - d) polarization
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15. Which material is considered the most brittle, meaning it is likely to shatter suddenly under stress rather than bend?

- a) wood
 - b) rubber
 - c) ceramic
 - d) copper
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ANSWER KEY

Question No.	Answer
1	a
2	c
3	b
4	a
5	b
6	c
7	c
8	c
9	c
10	c
11	d
12	c
13	d
14	c
15	c
