



5. World Design Olympiad — Sample Paper

✨ Grade Group 6–8

1. **Which shape is strongest for building bridges?**
 - A) Square
 - B) Triangle
 - C) Circle
 - D) Rectangle
2. **A product designed to make life easier for people with disabilities is called:**
 - A) Luxury design
 - B) Accessible design
 - C) Fashion design
 - D) Industrial design
3. **Which tool is used to measure angles?**
 - A) Ruler
 - B) Compass
 - C) Protractor
 - D) Divider
4. **If a box needs to be stackable and take less space, its shape should be:**
 - A) Sphere
 - B) Cube
 - C) Cylinder
 - D) Pyramid
5. **The term “ergonomics” in design refers to:**
 - A) Color choice
 - B) Comfort and ease of use
 - C) Expensive materials
 - D) Fast production
6. **In logo design, which color is commonly used to represent trust?**
 - A) Red
 - B) Yellow
 - C) Blue
 - D) Green
7. **A design that can be used for multiple purposes is called:**
 - A) Minimalist
 - B) Universal
 - C) Versatile
 - D) Temporary
8. **Who is considered the founder of modern architecture?**
 - A) Frank Gehry
 - B) Le Corbusier
 - C) Zaha Hadid
 - D) Mies van der Rohe

- 9. What is the main purpose of a prototype?**
A) Mass production
B) Testing and improvement
C) Marketing
D) Decoration
- 10. Which design style uses simple shapes and few colors?**
A) Gothic
B) Baroque
C) Minimalism
D) Art Deco

✨ Grade Group 9–11

- 11. Which software is commonly used for 3D modeling?**
A) Photoshop
B) AutoCAD
C) Excel
D) Illustrator
- 12. A product's "aesthetics" refers to:**
A) How it feels
B) How it looks
C) How it functions
D) How much it costs
- 13. A sustainable design uses materials that are:**
A) Expensive
B) Recyclable
C) Heavy
D) Imported
- 14. In interior design, which color makes a room feel bigger?**
A) Dark blue
B) White
C) Black
D) Olive green
- 15. A car design must consider "aerodynamics" to:**
A) Improve speed and fuel efficiency
B) Make it colorful
C) Add more doors
D) Reduce manufacturing cost
- 16. The "Golden Ratio" is used to create designs that are:**
A) Unusual
B) Perfectly symmetrical
C) Visually pleasing
D) Minimalist

- 17. Which material is best for a waterproof design?**
A) Cardboard
B) Wood
C) Plastic
D) Fabric
- 18. A designer sketching many ideas quickly is doing a:**
A) Blueprint
B) Prototype
C) Conceptual sketch
D) Finished drawing
- 19. A skyscraper must be designed to resist:**
A) Rain
B) Earthquakes and wind
C) Sunlight
D) Pollution
- 20. “User-centered design” focuses mainly on:**
A) Profits
B) Functionality for users
C) Designer’s preferences
D) Government policies

✨ Grade Group 11–12

- 21. What does CAD stand for?**
A) Computer Artistic Design
B) Computer Aided Design
C) Creative Animation Design
D) Conceptual Art Design
- 22. A “render” in design is:**
A) A written report
B) A physical prototype
C) A realistic digital image
D) A production manual
- 23. Which famous museum is shaped like a spiral?**
A) Louvre Museum
B) Guggenheim Museum
C) British Museum
D) Uffizi Gallery
- 24. “Sustainable architecture” focuses on:**
A) Luxury interiors
B) Use of renewable energy and green materials
C) Ancient building styles
D) Cost-cutting

- 25. In fashion design, haute couture means:**
- A) Casual wear
 - B) High-end custom-made clothing
 - C) Sportswear
 - D) Ready-to-wear clothes
- 26. A designer adding tactile textures to packaging focuses on:**
- A) Cost
 - B) Visual branding
 - C) User sensory experience
 - D) Legal requirements
- 27. Which famous designer created the Barcelona chair?**
- A) Frank Lloyd Wright
 - B) Mies van der Rohe
 - C) Philippe Starck
 - D) Alvar Aalto
- 28. The term “biomimicry” in design refers to:**
- A) Copying famous logos
 - B) Drawing inspiration from nature
 - C) Using recycled materials
 - D) Fast mass production
- 29. A prototype made from cardboard and glue is a:**
- A) Mock-up
 - B) Render
 - C) Wireframe
 - D) CAD model
- 30. Industrial design focuses primarily on:**
- A) Buildings
 - B) Machines and products
 - C) Clothes
 - D) Art galleries