

Design & Technology

AQA A-Level

Designers and their work

Materials required for questions

- Pencil
- Rubber
- Calculator

Instructions

- Use black ink or ball-point pen
- Try answer all questions
- Use the space provided to answer questions
- Calculators can be used if necessary
- For the multiple choice questions, circle your answer

Advice

- Marks for each question are in brackets
- Read each question fully
- Try to answer every question
- Don't spend too much time on one question

Good luck!

Q1. Which designer's Juicy Salif citrus squeezer exemplifies postmodernist playfulness?

- A** James Dyson
- B** Dieter Rams
- C** Philippe Starck

Q2. Who pioneered cyclonic vacuum technology, reflecting modernist problem-solving?

- A** Margaret Calvert
- B** Charles and Ray Eames
- C** James Dyson

Q3. Which designer created the UK road signage system, focusing on modernist clarity?

- A** Marianne Brandt
- B** Margaret Calvert
- C** Philippe Starck

Q4. Whose work bridges user-centric functionality with minimalist aesthetics, influencing Apple's designs?

- A** Dieter Rams
- B** James Dyson
- C** Charles and Ray Eames

Q5. State four of Dieter Rams' principles of good design **(4 marks)**

Q6. Outline the impact of the work of Charles and Ray Eames on furniture design. You should refer to specific examples in your answer **(6 marks)**

Q7. Explain how the work of Philippe Starck reflects the postmodern design movement **(6 marks)**

Answers

Q1. C

Q2. C

Q3. B

Q4. A

Q5.

- Good design is innovative.
- Good design makes a product useful. (function as intended)
- Good design is aesthetic.
- Good design is understandable.
- Good design is unobtrusive.
- Good design is honest.
- Good design is long lasting.
- Good design is thorough down to the last detail.
- Good design is environmentally friendly.
- Good design is as little design as possible

Q6.

- Charles and Ray Eames pioneered the forming of moulded plywood furniture.
- They also led the way with the construction of single piece fibreglass furniture.
- They produced simple one-piece forms in bold colours.
- Their work can be seen as influential with Ikea and modern flat pack furniture.
- Their work with fibreglass led to the S Chair by Verner Panton.

Q7.

- Postmodern design movement accommodates elements from all previous movements/styles, such as seen in the Louis Ghost chair.
- Starck challenges perceptions with his work. This is done through challenging forms that question what we expect specific products to look like and how we expect them to perform, such as seen in the Juicy Salif lemon juicer.
- Starck uses materials in challenging ways to reimagine classic designs, such as the Hot Bertaa kettle design.

- Starck uses product design to produce products more at home in an art gallery than a home such as both the Juici Salif and Hot Bertaa.
- Starck uses product design to make political and social statements, as seen in the Flos Gun Table Lamp.
- Philippe Starck's work exemplifies Form over Function