

Design & Technology

A-Level

Design influences, methods and figures

Multiple Choice

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
- Use a cross in the box to mark you 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 of the following designers, designed the 'Juicy Salif' – citrus squeezer – tech student paper 4



A Marcel Breuer

☐

B Phillipe Starck

☐

C Charles Eames

☐

Q2. Which one of the following manufacturers, initially concentrated on designing and manufacturing 'metal' kitchenware? – tech student paper 4

A Alessi

☐

B Raleigh

☐

C Apple

☐

Q3. Which one of the following designers, designed the London underground map? – tech student paper 4



A Philippe Starck

☐

B Marcel Breuer

☐

C Harry Beck

☐

Q4. What design movement was Charles Rennie Mackintosh responsible for? - self

A Art deco

☐

B Memphis

☐

C Art Nouveau

☐

Q5. What design movement was Ettore Scotsass responsible for? - self

A Memphis

☐

B Arts and Crafts

☐☐

C Bauhaus

Q6. A task light is shown below



Evaluate the task light in terms of its aesthetics and style **(4 marks)** –
tech student aqa paper 1

Q7. The photograph below shows a modernist 'plastic' chair



Name a suitable material for the manufacture of this chair. In your answer explain the physical properties that make it suitable **(3 marks)** – tech student edexcel paper 1

Q8. The image below shows some Bauhaus style furniture



Give 2 key styles that represents the Bauhaus design movement. An example is given below **(2 marks)** – self

1. Economic use of material

2.

3.

Answers

Q1. B

Q2. A

Q3. C

Q4. C

Q5. A

Q6.

Marks awarded for:

- Style is modernist with an environmental twist
- The materials are fully recyclable and have been machined to a high standard
- The aluminium base and pine arms complement each other
- Appealing design for any home or office
- Colours of the natural wood and machined aluminium are attractive features

1 mark per reference to style/aesthetic quality

Q7.

Polypropylene

- Strong, ability to stand up to forces without bending, breaking, shattering or deforming
- Pigmented thermoplastic means colour is not only surface deep
- Light weight so chair can be carried/moved with ease
- Design can be stacked easily for minimal space
- Chair requires no maintenance

Q8.

- Machine aesthetic using modern materials
- Geometric forms and clean lines
- Form follows function
- Products for the machine ages
- Everyday objects for everyday people