

MULTIPLE CHOICE
QUESTIONS AND
ANSWERS
(Part SIX)

SELECT THE
CORRECT ANSWER
FROM EACH OF
THE QUESTIONS

Tap to start



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Engineering Apps



1. Which one of the following companies is associated with 'Elon Musk'?

A. Apple



B. Alessi



C. Raleigh



D. Tesla

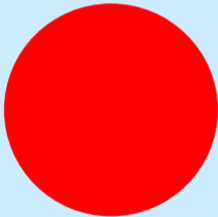


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COMPANIES**



**WRONG
ANSWER**

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AGAIN

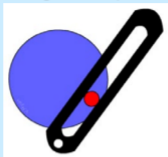


CORRECT ANSWER

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NEXT QUESTION



2. Which type of **mechanism** does this diagram represent?



A. Quick Return



B. Round Cam



C. Treadle



D. Offset Gear

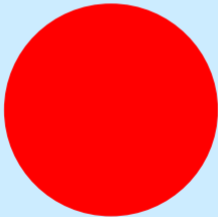


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MECHANISMS**



**WRONG
ANSWER**

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CORRECT ANSWER

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NEXT QUESTION



3. Which of the descriptions, represent the 'motion' of this **clock mechanism**?



A. The pendulum swings in a **linear** fashion, left to right and vice-versa.



B. An **Oscillating** motion, in which the pendulum swings left to right and vice-versa.



C. The pendulum exhibits **reciprocating** motion, left to right and vice-versa.



D. The **rotary** motion of the pendulum, is seen with this clock mechanism.

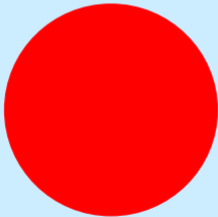


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MOTION



**WRONG
ANSWER**

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CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



4. Which of these metals is processed from **Bauxite**?

A. Steel



B. Copper



C. Aluminium



D. Chromium

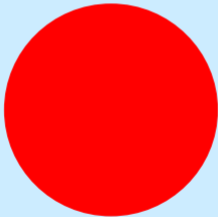


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BAUXITE



**WRONG
ANSWER**

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CORRECT ANSWER

TAP THE BUTTON FOR THE
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5. Which of the following designers / artists, is associated with the **Memphis Design Movement**?

A. Ettore Sottsass



B. Piet Mondrian



C. Walter Gropius



D. Pablo Picasso

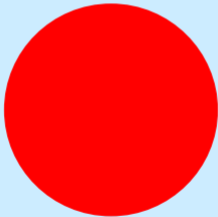


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MEMPHIS DESIGN



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



6. Which of the following statements describing 'Oxo-degradable polymers / plastics' is **TRUE**?

A. They are a cheaper version of plastics, derived from plant extracts.



B. They are processed from petroleum-based polymers containing additives such as metal salts (bio-batch).



C. They completely degrade, over thousands of years in soil, water and landfills.



D. They are slowly being replaced by synthetic plastics.

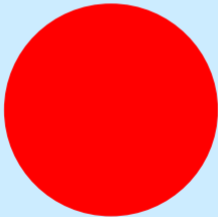


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POLYMERS



**WRONG
ANSWER**

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AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



7. Which of the statements about Rotation Moulding is **TRUE**?

A. Rotational moulding is a metal casting process, involving precious metals.



B. Rotational moulding involves mixing two polymers, in a centrifugal crucible.



C. Rotational moulding is a process, ideal for moulding hollow polymer products.



D. Rotational Moulding is a process, for moulding solid polymer products

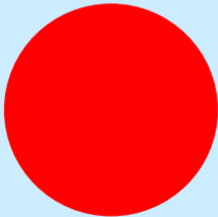


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ROTATIONAL
MOULDING



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



8. Which of the following metals, has half the density of steel, making it a lightweight replacement?

A. Vanadium



B. Magnesium



C. Titanium



D. Copper Alloy

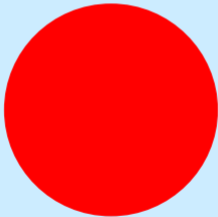


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MATERIALS**



**WRONG
ANSWER**

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AGAIN



CORRECT ANSWER

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NEXT QUESTION



9. Which of the statements below is accurate, regarding '**metal turning**'?

A. A polishing technique, which involves 'turning' on a buffing machine.



B. Is a technique, whereby metal is turned around, during spray painting.



C. A process whereby a metal component, is regularly 'turned' over, in an industrial heat treatment kiln.



D. Metal is 'turned' on a centre lathe. A process often used to produce engineered parts and components.

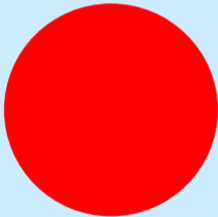


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METAL TURNING



**WRONG
ANSWER**

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CORRECT ANSWER

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NEXT QUESTION



10. Which of the following formulas, is used to find the area of a triangle.

A. $\frac{1}{2} \times \text{base} \times \text{height}$



B. $2 \times \text{base} \times \text{height}$



C. $\text{Base} / \text{height} \times \frac{1}{2}$



D. Hypotenuse \times
height

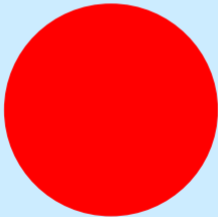


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MATHS IN D&T**



**WRONG
ANSWER**

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AGAIN



CORRECT ANSWER

**YOU HAVE FINISHED
THE QUESTIONS**

