

MULTIPLE CHOICE
QUESTIONS AND
ANSWERS
(Part Four)

SELECT THE
CORRECT ANSWER
FROM EACH OF
THE QUESTIONS

Tap to start



For free Design &
Technology
Engineering Apps



1. Which one of the following energy production systems is an **alternative energy** ?

A. Wind Power



B. Hydraulic Fracturing



C. Crude Oil



D. Coal



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ENERGY**



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



2. Which type of **motion** does the diagram below represent?



A. Rotary



B. Reciprocating



C. Linear



D. Oscillating



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MOTION**



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



3. A **Foam Metal** is:

A. A dense metal, starting at the core and out to the exterior layer .



B. A metal that cannot be heated, as it will melt.



C. A solid structures, usually composed of a dense outer layer, with the inner portion in the form of a matrix of pores.



D. A composite metal, made up of several layers.



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MATERIALS**



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



4. From the list of woods, identify the **natural wood**.

A. Plywood



B. MDF



C. Mahogany



D. Flexiply



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WOODS**



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN

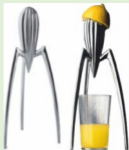


CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



5. Which of the following designers, designed the '**Juicy Salif**' - Citrus Squeezer?



A. Charles Eames.



B. Marcel Breuer



C. Philippe Starck



D. Robin Day



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DESIGNERS**



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



6. Which of the following statements describing 'plywood' is **FALSE**?

A. Plywood is a composite material.



B. Plywood is composed of several layers of thin plies / veneers.



C. Plywood is relatively weak, compared to other manufactured boards.



D. Plywood is supplied in a variety of thicknesses.



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PLYWOOD



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



7. Which of the statements below is the definition of the physical property '**fusability**'?

A. The ability of a material to be twisted into a variety of shapes, without the need for heat.



B. The ability of a material to resist a stretching force, without cracking.



C. The ability of a material to return to its original shape, repeatedly.



D. The ability of a material to be transformed from a solid state to a liquid state, due to the application of heat.



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PROPERTIES OF
MATERIALS



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



8. Which of the following statements is representative of **Iterative Design**?

A. A linear design process, whereby one stage follows another.



B. A process of continual improvement, of a concept, prototype, design or product, with model making, sketching, client feedback applied when required.



C. Designing as a team, following a strict design process.



D. A systems approach -
PROCESS - SYSTEM -
OUTCOME.



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ITERATIVE DESIGN



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



9. Which of the following is the process called '**INJECTION MOULDING**'?

A. An automated painting process.



B. Plastic coating of a metal surface, to increase its resistance to temperature.



C. A process that creates a 'reflective' coating on a range of polymers.



D. A process involving heating 'plastic' granules to liquid form and forcing the solution into a mould .



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INJECTION MOULDING



**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN

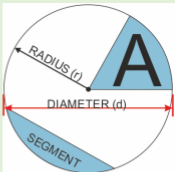


CORRECT ANSWER

TAP THE BUTTON FOR THE
NEXT QUESTION



10. What is the name of the area of circle labelled 'A', seen below?



A. Sector



B. Radian



C. Triangulated Part



D. Aspect



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**WRONG
ANSWER**

TAP THE BUTTON TO TRY
AGAIN



CORRECT ANSWER

**YOU HAVE FINISHED
THE QUESTIONS**

