

# **EXAMINATION QUESTIONS - ARCHIMEDEAN SCREWS**

**USEFUL LINKS:** <https://technologystudent.com/energy1/archimed1.html>  
<https://technologystudent.com/energy1/archimed2.html>

**1.** Describe the earliest use of an Egyptian water pump. Include a simple sketch.  
**6 marks**

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**2.** How did the development of an Archimedean Screw, improve the early Egyptian water pump? **3 marks**

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**3.** Describe the modern use of an Archimedean Screw, in the production of energy. Name one practical example (location) of this type of energy production system.  
**4 marks**

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**4.** Describe five advantages of the Archimedean Screw, as an energy production system.  
*5 marks*

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**5.** Using the internet for research - paste four practical applications of an Archimedean Screw. Label each of your examples. **4 marks**