

16 What is meant by the efficiency of a system?

- A** the total energy input to the system divided by the useful energy output by the system
- B** the useful energy output from the system divided by the energy wasted by the system
- C** the useful energy output from the system divided by the total energy input to the system
- D** the energy wasted by the system divided by the total energy input to the system

17 When a solid object of mass m is raised through a vertical height h , the work done is mgh . What is the expression for the gravitational potential energy of the object?