

Physics

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(Chapter 6) (Work Energy and Power) (Exercises)

(Class 11)

The acceleration produced by the frictional force:

$$a' = \frac{1.96}{2} = -0.98 \text{ m/s}^2$$

Total acceleration of the body:

$$a = a' + a'' \\ = 3.5 + (-0.98) = 2.52 \text{ m/s}^2$$

The distance travelled by the body is given by the equation of motion:

$$s = ut + \frac{1}{2}at^2$$

$$= 0 + \frac{1}{2} \times 2.52 \times (10)^2 = 126 \text{ m}$$

(a) Work done by the applied force, $W_a = F \times s = 7 \times 126 = 882 \text{ J}$

(b) Work done by the frictional force, $W_f = F \times s = -1.96 \times 126 = -247 \text{ J}$

(c) Net force = $7 + (-1.96) = 5.04 \text{ N}$

Work done by the net force, $W_{net} = 5.04 \times 126 = 635 \text{ J}$

(d) From the first equation of motion, final velocity can be calculated as:

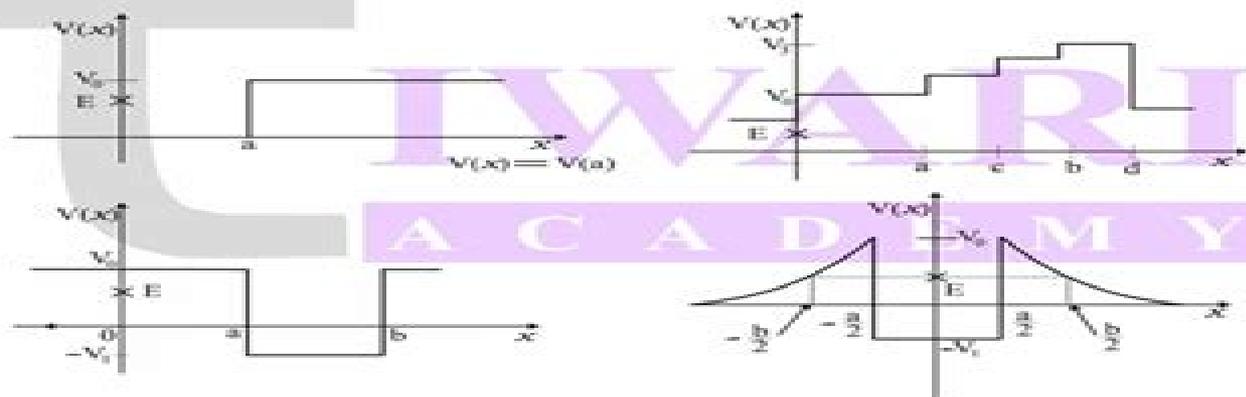
$$v = u + at \\ = 0 + 2.52 \times 10 = 25.2 \text{ m/s}$$

$$\text{Change in kinetic energy} = \frac{1}{2}mv^2 - \frac{1}{2}mu^2$$

$$= \frac{1}{2} \times 2(v^2 - u^2) = (25.2)^2 - 0^2 = 635 \text{ J}$$

Question 6.3:

Given in Fig. 6.11 are examples of some potential energy functions in one dimension. The total energy of the particle is indicated by a cross on the ordinate axis. In each case, specify the regions, if any, in which the particle cannot be found for the given energy. Also, indicate the minimum total energy the particle must have in each case. Think of simple physical contexts for which these potential energy shapes are relevant.



Chapter 6 Physics Test

A Gutmann



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Printed Classification Tests Joy Paul Guilford, John I. Lacey, 1947 **Aviation Psychology Program Research Reports**
United States. Army Air Forces, 1947 Aircraft Engineering Principles Lloyd Dingle, Mike Tooley, 2006-08-11 Aircraft
Engineering Principles is the essential text for anyone studying for licensed A P or Aircraft Maintenance Engineer status The
book is written to meet the requirements of JAR 66 ECAR 66 the Joint Aviation Requirement to be replaced by European Civil
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Operations**, 1963 **Educational Tests and Measurements** Walter Scott Monroe, James Clarence De Voss, Frederick
James Kelly, 1924 *McGraw-Hill 4 HESI A2 Practice Tests, Fourth Edition* Kathy A. Zahler, 2023-10-13 Intensive practice
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Murrel Ruch, George Dinsmore Stoddard, 1927 *McGraw-Hill Education 4 HESI A2 Practice Tests, Third Edition* Kathy A.
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 Properties and Testing of Magnetic Materials Thomas Spooner, 1927 *University of Iowa Studies in Education*
University of Iowa, 1925 *Problems of Science Teaching at the College Level* Archer Willis Hurd, 1929 [The Collegian](#)
[and Progress of India](#) , 1922 **The Chautauquan** , 1890 **How to Construct and Use Non-standardized Objective**
Tests Gale Smith, 1929 **Applied Finite Mathematics** Laurence D. Hoffmann, Gerald L. Bradley, 1995 This text is
designed for use in a one term course in finite mathematics primarily taken by students in business economics technological
sciences and the life and social sciences Applications are drawn from a number of disciplines and are titled for reference The
algebra review in chapter one includes worked examples and practice problems *Educational Research Bulletin* , 1924

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