Work and Energy:

(a) The force is acting along the direction of displacement of luggage (b) The force is acting perpendicular to the direction of displacement of luggage (c) The force is acting perpendicular to the direction of displacement of luggage (d) None of these 2. When a body falls freely towards the earth, then its total energy (a) Decreases (c) First increases and then decreases (d) Remains constant 3. When a body like earth is moving in a circular path the work done in that case is zero because: (a) Centripetal force acts along the radius of circular path (b) Centripetal force acts along the radius of circular path (c) Carvitational force acts along the radius of circular path (d) Centrifugal force acts perpendicular to the radius of circular path (d) Centrifugal force acts perpendicular to the radius of circular path 4. A car is accelerated on a leveled road and attains a velocity 4 times of its initial velocity. In this process, the kinetic energy of the car (a) Becomes twice to that of the initial (b) Becomes 16 times to that of the initial (c) Remains the same (b) Becomes 16 times to that of the initial (c) Remains the same (d) Becomes 16 times to that of the initial (d) Becomes 16 times to th	1. A man is carrying the heavy luggage from one platform to the other of a Railway station but still according to the logics of science his work done is said to be zero. Can you opt out the correct rea-
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(a) Potential energy (b) Momenta (c) Acceleration d) Kinetic energy 15. A microphone converts:	
15. A microphone converts:	
	15. A microphone converts:
	(a) Sound energy into mechanical energy in stereo system
(b) Sound energy into electrical energy in public address system	(b) Sound energy into electrical energy in public address system