

ECAT Physics Chapter 4 Work and Energy

Sr	Questions	Answers Choice
1	Which force is not a conservative force:	A. Frictional force B. Gravitational force C. Electric force D. Elastic spring force
2	Work done is maximum when angle between force and displacement is	A. 0° B. 90° C. 180° D. None of these
3	The work performed on an object does not depend on	A. Force applied B. Angle at which force is inclined to the displacement C. Initial velocity of the object D. Displacement
4	The angle between centripetal force and displacement of the body moving in a circle is:	A. 0

11	The space around the earth within it exerts a force of attraction on other bodies of known as:	B. Conservative field C. Electric field D. Gravitational field
12	A body moves a distance of 10 m along a straight line under the action of a force of 5 N and work done is 25J. the angle which the force makes with the direction of motion will be:	A. 60

A. Nuclear field B. Conservative field