

ECAT Physics Chapter 4 Work and Energy

Sr	Questions	Answers Choice
1	If force and displacement are in opposite direction, the work done is taken as:	A. Positive work B. Negative work C. Zero work D. Infinte work
2	The power of an electric generating station is expressed in:	A. Kilo Jule B. Kilowatt-hour C. Kilo watt D. Watt
3	A body moves a distance of 10 m among a straight line under the action of a force of 5 N. If the work done is 25 J, the angle which the force makes with the direction of motion of a body is:	A. 0

		B. Botti / Carla B is correct
10	The energy stored int he water of the dam is:	A. Electric energy B. Kinetic energy C. Potential energy D. None of these
11	Work is a Quantity	A. Vector B. Scalar C. Non-physical D. None of these
12	The types of mechanical energy is/are:	A. Kinetic energy B. Potential energy C. Both of these D. None of these
13	A field in which the work done is moving a body along closed path is zero is called:	A. Nuclear filed B. Conservative field C. Gravitational field D. Non-conservative field
14	In the force applied is parallel to the direction of motion, then work done is:	A. Maximum B. Minimum C. Zero D. None of these
15	The space around the earth within it exerts a force of attraction on other bodies of known as:	A. Nuclear fieldB. Conservative fieldC. Electric fieldD. Gravitational field
16	Work done on a body by gravity in lifting it up to certain height is	A. Maximum B. Minimum C. Zero D. Negative
17	Work done in lower and bucket into the well is:	A. Zero B. Positive C. Negative D. None of these
18	Work done is independent of path followed in	A. Gravitational field B. Magnetic field C. Electric field D. All of these
19	The space around the earth in which its gravitational force acts on a body is called	A. Electric Field B. Gravitational field C. Magnetic field D. Conservative field
20	Work is a	A. Scalar quantity B. Vector quantity C. Base quantity D. None of these

D. Both A and B is correct