Physics Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The ability of a body to do work is called its	A. Force B. Power C. Capacity D. Energy
2	1 KWh =	A. 3.6 x 10³K B. 3.6 x 10⁶K C. 3.6 x 10⁹J D. 3.6 x 10¹²J
3	The SI unit of power is	A. Joule B. Newton C. Watt D. Kilowatt
4	The formula for the power is	A. P= W/d B. P=W/v C. P=W/t D. P=Wt
5	The frictional force is	A. Conservative force B. Non conservative force C. Electric force D. Magnetic force
6	The work done in gravitational field	A. Depend upon the path B. Does not depend upon the path C. (+)ve D. Zero
7	The space within which gravitational force acts on a body is called	A. Electric field B. Gravitational field C. Magnetic field D. Force field
8	When the rocket moves away from the earth, the work against gravity	A. Remains constant B. Varies directly with distance C. Varies inversely with distance D. Varies inversely with square of distance
9	By increasing the amount of stretch in spring the force exerted will	A. Increase B. One watt C. One erg D. One joule
10	The dimensions of work are	A. MLT⁻¹ B. MLT⁻² C. ML²T⁻² D. ML⁻¹T⁻¹
11	The SI unit of work is	A. Newton B. Joule C. Mol D. Calorie
12	When distance is plotted against the force, it is taken along	A. x-axis B. y-axis C. z-axis D. None of these
13	Work is a	A. Scalar quantity B. Vector quantity C. Basic quantity D. None of these
14	Two quantities involved in work are	A. Force and speed B. Force and velocity C. Force and displacement D. Force and acceleration