

Conservation of Energy and Power and Energy Forms 4 MS

QUESTION	KEY
1	heat 4 light 1 movement 2 sound 3
2	radio 4 toaster 1 fan 2 lamp 3
3	heat (thermal energy) 1 light 3 movement (kinetic energy) 4 sound 2
4	electric kettle 2 electric oven 4 electric shower 1 flat-screen television 3
5	computer monitor 1 loudspeaker 3 microphone 2 solar cell 4
6	Electrical 3 kinetic 4 light 1 sound 2
7	elastic potential (strain) 1 electrical 3 kinetic 2 sound 4
8	Hairdryer 1 Hand whisk 2 Table lamp 3 Television 4
9	chemical energy to electrical energy 1 electrical energy to chemical energy 2 electrical energy to light energy 3 light energy to electrical energy 4
10	chemical energy to heat 3 electrical energy to heat 4 light energy to electrical energy 1

	kinetic energy to electrical energy	2
11	gravitational potential energy	1
	kinetic energy	2
	light energy	4
	thermal energy	3
12	Kettle A	4
	Kettle B	3
	Kettle C	2
	Kettle D	1
13	chemical	2
	electrical	3
	kinetic	1
	light	4
14	chemical	1
	electrical	3
	heat	4
	kinetic	2
15	electrical to light	1
	electrical to sound	2
	light to electrical	4
	sound to electrical	3
16	chemical	1
	electrical	3
	heat (thermal energy)	4
	kinetic	2
TOTAL MARKS	64	