

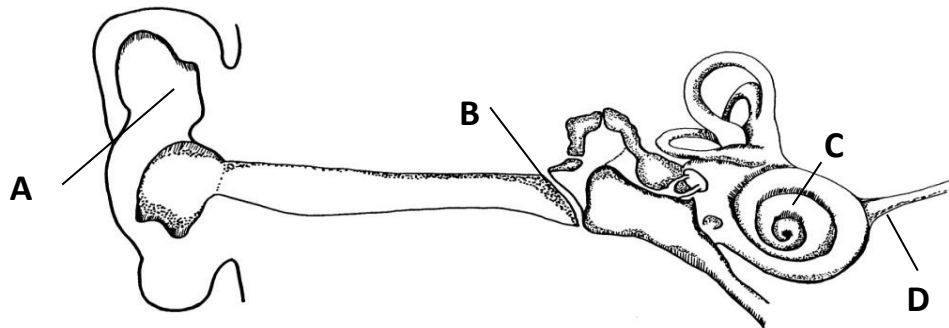
1	Energy is measured in a unit called
2	Energy of movement is called
3	Stored energy is called and comes in different forms.
4	energy is stored in a cell or battery.
5	stored in a spring
6	potential energy is stored in objects at height.
7	I get my energy from my

State the main energy change that takes place in a torch

8	
9	State the main energy change that takes place in a catapult

We say there is an energy crisis but there is the same amount of energy now as there was a hundred years ago. What has happened to a lot of our energy?

10	
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11	
12	State the range of human hearing

Some sounds can permanently damage hearing. What sound level is considered to be the danger level?

13	
14	The name for the top of a wave
15	The name for the bottom of a wave
16	The middle to the top of the wave
17	the distance between to same points on successive waves

what two things are required to measure the speed of a wave

18	
19	sound can travel through
20	sound cannot travel through

Sound travels 680 m through air in 2 s. What is the speed of sound?

21	
22	A runner runs 200 m in 40 s. Calculate the speed of the runner

What happens when air is removed from a bell jar containing a ringing bell

23	
28	When the particles move back and forwards in the direction of the wave
29	When the particles move up and down in the direction of the wave
30	pitch in sound relates to....
31	volume in sound relates to

1	Joule .
2	KINETIC energy.
3	POTENTIAL energy
4	CHEMICAL
5	ELASTIC/STRAIN
6	GRAVITATIONAL
7	FOOD
8	CHEMICAL (POTENTIAL) ⇒ ELECTRICAL ⇒ LIGHT + (HEAT) (NOT ELECTRICITY OR ELECTRIC)
9	ELASTIC /STRAIN ⇒ KINETIC + (HEAT OR SOUND)
10	BECOMES LESS USEFUL FORMS (1), ESPECIALLY HEAT (1) WASTED 1 MARK ONLY

11 Which letter
D= Auditory Nerve, C= Cochlea, B= Ear Drum, A=Pinna,

12	20-20,000 Hz
13	85 dB
14	crest
15	trough
16	amplitude
17	wavelength
18	distance and time
19	solids, liquids and gases
20	vacuum
21	340 m/s
22	5 m/s
23	it gets quieter and quieter until it can't be heard.
28	Longitudinal waves
29	Transverse waves
30	frequency of a wave
31	amplitude of a wave