

Word	Definition
1 <b>Absolute zero</b>	The lowest possible temperature. It is 0 Kelvin or -273 degrees Celcius
2 <b>abundant</b>	Something that is plentiful or exists in large quantities
3 <b>accelration</b>	rate of change of velocity; expressed in $m/s^2$ a molecule capable of donating a positively-charged hydrogen ion, or capable of forming a covalent bond by donating an electron pair
4 <b>acid</b>	to stick to a surface
5 <b>adhere</b>	the process of glucose breakdown in the body of an animal for supplying muscles with oxygen
6 <b>aerobic respiration</b>	the vertical distance between an object and the ground or sea level; any object on the ground or sea level is said to have 0 altitude
7 <b>altitude</b>	to examine something in detail (such as phenomena, the result of an experiment, data collected from a survey, etc)
8 <b>analyze</b>	a story told by someone based on his/her past experience
9 <b>anecdote</b>	to predict a result or an event based on current events or past experiences
10 <b>anticipate</b>	to state a fact or belief with authority and confidence; to make others believe in one's authority
11 <b>assert</b>	to grow or increase rapidly
12 <b>burgeon</b>	a feature or property which is regarded as part of something or someone
13 <b>attribute</b>	something which is commonly a feature or a quality of person, place, or thing
14 <b>characteristic</b>	an organic compound containing carbon, hydrogen, and oxygen in a ratio of 1:2:1. Ex: sugars and starches are the main sources of energy for living beings
15 <b>carbohydrate</b>	a substance that speeds up a chemical reaction but does not get used up in the process or change the outcome of a reaction
16 <b>catalyst</b>	the green pigment present in plants that captures light energy for photosynthesis
17 <b>chlorophyll</b>	logical and consistent with the preceding arguments, theories, or p
18 <b>coherent</b>	to agree or correlate with; to communicate by exchanging messages
19 <b>correspond</b>	a high-temperature reaction involving a fuel and an oxidant (usually oxygen), commonly associated with the process of burning
20 <b>combustion</b>	to be a part of or to make up something; to write or create a work of literature, art, science, etc.
21 <b>compose</b>	a measure of the amount of effort it would take to reduce the volume of the matter by applying pressure. Lower compressibility would indicate more effort is required to reduce the volume.
22 <b>compressibility</b>	transmission of energy like heat or electricity
23 <b>conduction</b>	attribute of a material specifying its efficiency in transferring conduction energy
24 <b>conductivity</b>	conduction energy
25 <b>conductor</b>	a material that offers the least resistance to the flow of heat or ele

	<b>Word</b>	<b>Definition</b>
26	<b>contour</b>	the outline that represents the outer shape of an object or form; to mold something into a specific shape
27	<b>consecutive</b>	something that is followed in an unbroken or continuous sequence
28	<b>contradict</b>	to assert the opposite or to deny the truth of a statement
29	<b>correlate</b>	to have a mutual relationship or connection between two or more things
30	<b>critical</b>	expressing harsh or disapproving comments or judgements about something; analyzing a work of science, literature, music, etc.; describing a situation or a problem that can be potentially disastrous
31	<b>decelerate</b>	to slow down or to reduce the speed (velocity) of a moving object
32	<b>deposition</b>	a substance that is naturally deposited somewhere
33	<b>determine</b>	to find an exact cause and explanation of an event, phenomena, result (in an experiment), etc.
34	<b>diffusion time</b>	the amount of time it takes for molecules or atoms of a material to spread from an area of high concentration to an area of low concentration
35	<b>distinguish</b>	to treat something or recognize it as different
36	<b>soluble</b>	something that can be dissolved into another liquid or aqueous solution
37	<b>ecology</b>	the field of science concerned with relationships between organisms and their environments
38	<b>efficient</b>	to be able to accomplish a task or a purpose without wasting resources
39	<b>electron</b>	a negatively charged part of an atom
40	<b>emit</b>	to discharge - used in context of light, heat, radiation, etc.
41	<b>emerge</b>	to become obvious, more prominent, or important
42	<b>emulsion</b>	a state where one liquid is suspended in another but the two liquids would not dissolve in each other
43	<b>engage</b>	to make someone or something involved in an event, conversation, or discussion; to participate or get involved in something; to keep someone's interest
44	<b>equilibrium</b>	a state where all components (in chemistry - reactants and products) of a system are in balance
45	<b>erode or erosion</b>	the process of air or water flow that removes soil, rock, or material from one location and transporting them to another location
46	<b>evolve</b>	to develop something gradually from a simple to a more complex form
47	<b>exhibit</b>	to make property or a skill visible or apparent
48	<b>fermentation</b>	chemical process of breaking something down into simpler substances. For example: sugar is fermented into alcohol
49	<b>friction</b>	a force acting between two solid surfaces where the relative motion of the surfaces is resisted
50	<b>fuse</b>	(v) to join different objects together
51	<b>gauge</b>	(n) a safety device used in electrical equipment that breaks the circuit when more current is drawn into the circuit than desired
		(v) to estimate or measure a property (eg. volume, amount, etc)
		(n) a device that measures a property of something

Word	Definition
52 <b>given</b>	information that is specified or stated (in the question)
53 <b>habitat</b>	an area where an organism naturally lives in an ecosystem
54 <b>herbivore</b>	an animal that exclusively eats plants
55 <b>humidity</b>	the measure of quantity of water vapor present in the air
56 <b>hypothesis</b>	a tentative theory that attempts to explain certain phenomena but has neither been verified nor proven.
57 <b>imminent</b>	an event that is about to happen
58 <b>incendiary</b>	something that causes a conflict; a device designed to cause fires
59 <b>incremental</b>	a quantity that increases gradually
60 <b>indigenous</b>	something that is native to a certain area
61 <b>infer</b>	to deduce a conclusion from given information or evidence
62 <b>infrared radiation</b>	electromagnetic waves with wavelengths longer than those of visible light (0.7 microns)
63 <b>impervious</b>	something or someone that is immune to any change from something or someone else
64 <b>insoluble</b>	Something that cannot be dissolved into another liquid or aqueous solution
65 <b>insulator</b>	the opposite of conductor; substance that resists transfer of heat or electricity
66 <b>interval</b>	a period between two activities
67 <b>ion</b>	a molecule or atom that has a positive or negative charge due to losing or gaining one or more electrons
68 <b>kinetic energy</b>	energy of motion of an object
69 <b>latter</b>	the second statement of the two previous statements
70 <b>mass</b>	a measure determined by the amount of matter or energy present in a body; it is a measure of body's resistance to acceleration
71 <b>neutron</b>	a part of an atom that has no charge
72 <b>notion</b>	a belief about something
73 <b>obsolete</b>	something that is no longer useful or can be replaced with something else that is more efficient
74 <b>organic matter</b>	carbon based compounds found within natural environments
75 <b>osmosis</b>	the process of liquid moving through a semi-permeable membrane from the area of less concentration to an area of more concentration of solute
76 <b>omit</b>	to exclude information intentionally or forgetfully; to fail or neglect to do something
77 <b>precipitation</b>	rain, snow, sleet, or hail that falls to the ground; in chemistry - formation of solid in a reaction of two aqueous solutions
78 <b>parasite</b>	an organism that lives on or in host organism and gets its food from or at the expense of its host
79 <b>pH</b>	scale of acidity from 0 to 14. tells how acidic or alkaline something is
80 <b>photosynthesis</b>	the process by which plants use sunlight to synthesize foods from carbon dioxide and water and generates oxygen as byproduct.

Word	Definition
81 <b>precede</b>	1. come before (something) in time
82 <b>principle</b>	2. come before in order of position
83 <b>proficient</b>	something that forms the foundation of a system or behavior
84 <b>prolong</b>	to be skilled in using something
85 <b>proportionality</b>	to increase the duration or physical space of an event or object the relationship between two distinct quantities or amounts. In 'directly proportional' quantities, an increase of one quantity results in an increase of another quantity. In 'inversely proportional' quantities, an increase in one quantity results in a decrease in another quantity.
86 <b>protein</b>	a compound made up of amino acids; plays important roles in
87 <b>proton</b>	formation of structural components of the body (muscles, hair, etc)
88 <b>radioactive decay</b>	a positively charged part of an atom
89 <b>redundant</b>	spontaneous breakdown of an atomic nucleus resulting in the
90 <b>relevant</b>	release of energy and matter from the nucleus.
91 <b>residual</b>	information that is no longer needed or of use because it has
92 <b>solution</b>	been stated or deduced earlier
93 <b>specific gravity</b>	information that is related or appropriate to what is being done or
94 <b>starch</b>	considered
95 <b>substrate</b>	what remains after the greater part or quantity has gone
96 <b>trial</b>	a liquid mixture where the solute is uniformly distributed within
97 <b>uniform</b>	the solvent
98 <b>variable</b>	the ratio of the density of the substance to the density of a
99 <b>vapor</b>	standard (usually water)
100 <b>velocity</b>	a complex carbohydrate contained within many vegetables
101 <b>viscosity</b>	a substance that is acted upon by an enzyme; a layer beneath
102 <b>wavelength</b>	another layer



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