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Vocabulary Builder Reference from...

Richard Resnick: Welcome to the genomic revolution
| TED Talk

https://www.ted.com/talks/richard_resnick_welcome_to_the_genomic_revolution

All Words

IMPORTANT

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Session 1: Word List

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

chromosome

n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

synonym : DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

helix

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

synonym : coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym: molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**

Biochemical research is essential to understanding the complex chemical reactions in living organisms.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym: dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**
We do move forward with those tasks in **sequence** next week.

folk *n.* people in general, especially those of a particular group or type
synonym: community, family, person
(1) **folk** art, (2) the **folk** songs of a particular district
Some seaweed was used as **folk** medicine in ancient times.

massive *adj.* enormous amount; very heavy and solid
synonym: enormous, giant, immense
(1) **massive** amounts, (2) **massive** stars
The recent economic downturn has resulted in **massive** layoffs.

parallel *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
synonym: aligned, side-by-side, similar
(1) a **parallel** case, (2) **parallel** processing
He walked a road **parallel** to the railroad.

software *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
synonym: program, system, operating system
(1) **software** architect, (2) copyrighted **software**
The company specializes in both hardware and **software**.

assemble *v.* to collect in one place as a single group
synonym: gather, congregate, collect
(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle
The president began to **assemble** an army.

gigantic

adj. extremely large

synonym : huge, enormous, immense

(1) **gigantic** proportions, (2) **gigantic** monsters

He was so hungry from the long journey that he had a **gigantic** appetite.

modern

adj. of or belonging to the present time or recent times

synonym : contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

Jovian

adj. relating to Jupiter or its characteristics

synonym : Jupiter, giant planet

(1) **Jovian** satellites, (2) **Jovian** planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface.

placement

n. the act or process of putting something in a particular position or location; a temporary position or job in an organization

synonym : positioning, location, arrangement

(1) **placement** test, (2) **placement** agency

The **placement** of the advertisement on the billboard was strategic in attracting a large audience.

arch

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

synonym : turn, bow, arc

(1) the **arch** of a person's foot, (2) an **arch-shaped** stone structure

The **arch** bears the weight of the overhead bridge.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym : characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

triple

adj. consisting of three items or people; three times as great or many

synonym : threefold

(1) a **triple** mirror, (2) **triple** digits

His coach is a **triple** Olympic champion.

quadruple

v. to consist of four items or people; to become four times as great or many

(1) **quadruple** the amount, (2) **quadruple** the price of gold

His stock earnings **quadrupled**.

foresee

v. to perceive or predict; to anticipate or expect something to happen in the future

synonym : predict, anticipate, forecast

(1) **foresee** the consequences, (2) **foresee** challenges

I **foresee** a problem arising if we don't address this issue now.

lab *n.* a workplace for the conduct of scientific research; a laboratory
synonym: workshop, laboratory, research chamber
(1) **lab** instrument, (2) medical **lab**
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

represent *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
synonym: depict, express, describe
(1) **represent** by a diagram, (2) the characters that **represent** numbers
We elected him to **represent** us at the international conference.

institute *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
synonym: academy, university, college
(1) **institute** a lawsuit, (2) research **institutes**
This region has many **institutes** offering higher education.

absolutely *adv.* without restriction or limitation; completely or utterly
synonym: completely, utterly, definitely
(1) **absolutely** against, (2) **absolutely** obsessed with the girl
I am **absolutely** opposed to his idea because of morality.

medicinal *adj.* of or relating to the treatment or cure of disease
synonym: curative, therapeutic, healing
(1) **medicinal** chemistry, (2) traditional **medicinal**
The **medicinal** properties of this herb have been known to help with various ailments.

estrogen *n.* a category of female steroid sex hormone responsible for the development and regulation of the female

reproductive system and secondary sex characteristics

(1) **estrogen** receptor, (2) **estrogen-responsive** breast cancer

The older woman also suffers bone loss caused by **estrogen** deficiency.

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

surgery

n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

synonym: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

chemotherapy

n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells;

frequently used in conjunction with other therapies such as surgery and radiation

synonym : anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

ovary

n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

acute

adj. extremely sharp or severe

synonym : sharp, perceptive, keen

(1) **acute** pain, (2) **acute** triangle

The patient died from **acute** alcohol intoxication.

myeloid

adj. relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow

synonym :

marrow, hematopoietic, granulocytic

(1) **myeloid** leukemia, (2) **myeloid** sarcoma

The **myeloid** cells in the bone marrow are responsible for producing red and white blood cells.

leukemia

n. a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably

synonym: blood cancer

(1) childhood **leukemia**, (2) acute **leukemia**

The symptoms of **leukemia** may include fatigue, weakness, and fever.

respiratory

adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

synonym: breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

bloodletting

n. the act of intentionally cutting a person's skin or vein to remove blood once thought to cure various illnesses; indiscriminate slaughter

synonym: bleeding, phlebotomy, blood donation

(1) **bloodletting** device, (2) ethnic **bloodletting**

The doctor used leeches for **bloodletting**, as they were thought to be more effective than cutting the skin.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

postmortem

adj. relating to or occurring after death; a postmortem examination is a medical examination of a body after death to determine the cause of death or to study the effects of a disease or medical treatment

synonym : autopsied, deceased, dead

(1) **postmortem** findings, (2) **postmortem** analysis

The medical examiner performed a **postmortem** examination to determine the cause of death.

marrow

n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

synonym : bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

delete

v. to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

synonym : erase, wipe out, remove

(1) **delete** a file, (2) **delete** this modification

Highlight the sentences that you want to **delete**.

deleterious

adj. causing harm, damage, or injury; having a detrimental or destructive effect

synonym : harmful, damaging, detrimental

(1) **deleterious** actions, (2) **deleterious** impact

Smoking has **deleterious** effects on your health, especially your lungs.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

severe

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

synonym : harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

profound

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

synonym : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

implication

n. something that is inferred or indirectly stated; the act or fact of being involved in something

synonym : suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

twin

n. either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

cerebral

adj. relating to the brain or intellect; intellectual or studious rather than emotional or physical

synonym: brain, mental, intellectual

(1) **cerebral** palsy, (2) **cerebral** cortex

The patient experienced a **cerebral** hemorrhage and required surgery.

palsy

n. a condition characterized by the loss or impairment of movement or sensation due to damage or disease affecting the nervous system; paralysis or weakness

synonym: paralysis, tremor, twitch

(1) muscle **palsy**, (2) cerebral **palsy**

Some people with Parkinson's disease may experience tremors and **palsy** in their limbs.

brave

adj. showing courage or fearlessness in the face of danger, difficulty, or adversity

synonym: courageous, valiant, heroic

(1) **brave** soldier, (2) **brave** decision

The **brave** firefighter rescued the family from the burning building.

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

heroic

adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

synonym : brave, courageous, daring

(1) a **heroic** poem, (2) **heroic** explorers

The **heroic** actions of individuals are now easily spread worldwide by SNS.

convince

v. to persuade someone or make someone believe that something is true

synonym : persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent

I am considering what I should do to **convince** him.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

responsive

adj. quick to respond or react to something

synonym : alert, reactive, sensitive

(1) **responsive** to affection, (2) **responsive** customer service

The **responsive** website design allows for easy navigation on any device.

dystonia

n. a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures

synonym : dystrophy, abnormality, disorder

(1) **dystonia** symptoms, (2) hereditary **dystonia**

Her diagnosis of cervical **dystonia** explained her neck's unusual tilting and turning.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

asymptomatic

adj. not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it

synonym: asymptotic, symptomless, unnoticeable

(1) **asymptomatic** carrier, (2) **asymptomatic** infection

The study showed that one-third of infected individuals could remain **asymptomatic** throughout the disease.

signify

v. to indicate, represent, or communicate something, especially an idea or concept, often through a symbol, gesture, or word

synonym: indicate, express, convey

(1) **signify** importance, (2) actions that **signify** agreement

The red lights on the dashboard **signify** that the car needs maintenance.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

serotonin

n. a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory

(1) **serotonin** drug, (2) **serotonin** levels

The medicine works by boosting **serotonin** levels in the

brain.

precursor

n. a person or thing that comes before another of the same kind and that contributes to or influences its growth

synonym: antecedent, forerunner, herald

(1) **precursor** cell, (2) **precursor** to serotonin

Sulfur dioxide and nitrogen oxides are the primary **precursors** of acid rain.

norm

n. something that is regarded as usual, typical, or standard

synonym: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

nick

n. a small cut, notch, or indentation in a surface or an edge

synonym: incision, dent, indentation

(1) a **nick** on the fender of a car, (2) **nick** on my hand

The interviewer arrived in a **nick** of time.

squirt

v. to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance

synonym: spray, eject, spurt

(1) **squirt** water, (2) **squirt** oil

She **squirted** the ketchup onto her fries before taking a bite.

distend

v. to expand, inflate, or stretch out in all directions, especially as a result of internal pressure or force; to swell or bulge out of shape

synonym: swell, inflate, puff up

(1) **distend** the veins, (2) **distend** balloon

Eating too much can **distend** your stomach and cause discomfort.

belly

n. the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

synonym : stomach, abdomen, gut

(1) the **belly** of the ship, (2) with an empty **belly**

She had a tattoo just above her **belly** button.

famine

n. a severe shortage of food, often caused by drought, war, or economic reasons

synonym : hunger, starvation, drought

(1) **famine** relief, (2) coal **famine**

The severe **famine** caused by the drought has left many people without food.

victim

n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

synonym : prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

intestine

n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

synonym : gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

feces

n. waste matter eliminated from the bowels; excrement

synonym : poop, stool, excrement

(1) **feces** sample, (2) human **feces**

Proper disposal of **feces** is essential for maintaining public health and sanitation.

spill

v. to cause or allow liquid to run or flow over the edge of its container by accident

synonym : slop, drop, scatter

(1) **spill** a bit of wine, (2) **spill** my heart
He was determined to **spill** everything.

gut *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
synonym : belly, abdomen, courage
(1) the blind **gut**, (2) **gut** feelings
He told me a **gut-wrenching** truth about my parent's death.

pray *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
synonym : implore, supplicate, entreat
(1) **pray** devoutly, (2) **pray** for rain
She closed her eyes and **prayed** for strength to overcome difficult times.

pediatrics *n.* the branch of medicine that deals with the care and treatment of children
synonym : pedology, child health
(1) **pediatrics** department, (2) **pediatrics** clinic
I am studying **pediatrics** in medical school because I love working with children.

background *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
synonym : ground, experience, backdrop
(1) a **background** color, (2) a criminal **background**
The company's hiring criteria emphasize personality, not a person's **background**.

clinical *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
synonym : dispassionate, analytic, scientific
(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

immunology

n. the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies

synonym: study of immunity, immunobiology, serology

(1) **immunology** research, (2) **immunology** laboratory

Recent advances in **immunology** have shown promise in the fight against cancer

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

transplant

v. to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

synonym: relocate, emigrate, graft

(1) **transplant** a heart, (2) **transplant** my family to America

He tried to **transplant** the seedling into a larger pot.

undertake

v. to do or begin to do something, such as an enterprise or responsibility

synonym: assume, take on, embark

(1) **undertake** an enterprise, (2) **undertake** routine duties

Young people in this country should **undertake** military duties.

grueling

adj. extremely tiring or demanding great effort, especially with long duration or intensity

synonym: exhausting, draining, demanding

(1) **grueling** process, (2) a **grueling** campaign

The marathon was a **grueling** test of endurance.

recover

v. to return to a former condition, health, mind, or strength

synonym: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

steak

n. a thin slice of meat, typically beef, grilled or fried and served as a main dish

synonym: beef, chop, cutlet

(1) **steak** dinner, (2) salmon **steak**

He ordered a rare **steak** for dinner.

sauce

n. a liquid or semi-solid food served on or used in preparing other foods

synonym: condiment, gravy, dressing

(1) a flavorful **sauce**, (2) soy **sauce**

The pasta dish was served with a rich tomato **sauce**.

prospect

n. the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals

synonym : hope, possibility, expectation

(1) **prospect** for gold, (2) job **prospects**

The **prospect** of starting a new business can be both exciting and daunting.

universal

adj. existing or affecting everywhere or everyone

synonym : common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

fantastic

adj. extremely good; excellent

synonym : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym : footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

wheat

n. a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc

synonym : grain, cereal

(1) harvesting **wheat**, (2) **wheat** crop

The farmer grew **wheat** on his land.

soybean

n. a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications

synonym : soya, edamame

(1) **soybean** oil, (2) **soybean** production

The farmer harvested his **soybean** crop and took it to market.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

tolerant

adj. accepting different views, beliefs, or practices without judgment or interference

synonym : forgiving, lenient, permissive

(1) a **tolerant** teacher, (2) **tolerant** of his failure

She was known for her **tolerant** attitude toward different cultures.

drought

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym : dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym : deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

pest

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that

is annoying or troublesome

synonym : nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

pesticide

n. a substance used for preventing, destroying, repelling, or mitigating any pest

synonym : insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym : hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

modify

v. to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

synonym : adjust, alter, revise

(1) genetically **modify** food, (2) **modify** my behavior

We use adverbs to **modify** verbs and adjectives.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym : unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

typewriter

n. a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over

(1) **typewriter** keys, (2) electronic **typewriter**

I found an old **typewriter** at a thrift store and used it to write my novel.

staple

adj. essential, crucial, or regularly used

synonym: essential, fundamental, pivotal

(1) **staple** commodities, (2) **staple** crop

Rice and beans are a **staple** food in many cultures.

desktop

n. a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities

synonym: computer, workstation, PC

(1) **desktop** software, (2) **desktop** wallpaper

I need to upgrade my **desktop** computer since it's become quite slow.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep
I'm so sorry to **disrupt** you when you're pretty busy.

bob

v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

synonym : bobble, bounce, wag

(1) **bob** a quick curtsy, (2) **bob** on the surface of the water
I need to **bob** my head to the beat of the music.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

Ethernet

n. a standardized system for connecting computers and other devices in a local area network (LAN), which enables the transmission of data over cables using a set of protocols

synonym : network, LAN

(1) **Ethernet** router, (2) **Ethernet** port

We need to upgrade our **Ethernet** cables for faster internet speeds.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

dotcom

n. a company or business that primarily operates on the Internet or has a web-based presence, particularly during the late 1990s and early 2000s when the Internet was a new and rapidly growing industry

synonym : website, online business, e-commerce

(1) successful **dotcom**, (2) **dotcom** millionaire

The **dotcom** boom of the late 1990s changed the landscape of the tech industry forever.

bubble

n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

synonym : blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

rescue

v. to save someone or something from a dangerous or difficult situation

synonym : save, extricate, retrieve

(1) **rescue** a dying dog, (2) **rescue** a company from bankruptcy

The fire department arrived just in time to **rescue** the family from the burning building.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym : coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of

wealth.

dot

n. a very small circular mark, especially one that is printed
synonym: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

individual

n. a single person or thing, as distinct from a group
synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

insure

v. to provide coverage in the event of loss or damage
synonym: protect, guard, safeguard

(1) **insure** my house against fire, (2) **insure** domestic tranquility

I will **insure** my car before I go on a road trip.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

flourish

v. to grow or develop vigorously or successfully
synonym: boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

compatible

adj. capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched

synonym: harmonious, congruent, consistent

(1) fully **compatible**, (2) **compatible** with HTML5

The new software is not **compatible** with the old operating system, causing compatibility issues and errors.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

synonym: application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

personalize

v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

synonym: customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

allele

n. any of the alternative forms of a gene that can occupy a given chromosomal location

synonym: gene variant, genetic variant

(1) the **allele** in a pair, (2) inherit one **allele**

Environmental factors can also influence the expression of **alleles**, a phenomenon known as epigenetics.

cheat

v. to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws

synonym: deceive, swindle, defraud

(1) **cheat** on my taxes, (2) **cheat** in a game

Even though he knew it was wrong, he **cheated** on the exam.

swab

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

synonym: mop, scrub, daub

(1) alcohol **swab**, (2) cotton **swab**

He took a **swab** of his ear.

elect

v. to choose someone for a specific position by voting for them; to decide or choose to do something

synonym: select, choose, prefer

(1) **elect** the school board, (2) **elect** death

Every five years, the provincial governors are **elected**.

president

n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.

synonym: leader, CEO, chairperson

(1) **president** emeritus, (2) vice- **president** for finance

The club **president** does not have absolute power.

cardiomyopathy

n. a disease of the heart muscle that often leads to heart failure, irregular heartbeats, and other serious cardiovascular issues

synonym: heart disease, heart failure

(1) **cardiomyopathy** with arrhythmia, (2) idiopathic **cardiomyopathy**

The doctor diagnosed the patient with hypertrophic **cardiomyopathy**.

candidate

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

synonym: applicant, nominee, contender

(1) **candidate** selection, (2) PhD **candidate**

The **candidate's** platform focused on healthcare reform and reducing income inequality.

release

v. to set free or allow to escape from confinement

synonym: free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

competitor

n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

synonym: opponent, contender, contestant

(1) beat **competitor** offer, (2) domestic **competitor**

The gap between the company and its **competitors** has widened.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

cousin

n. the child of your aunt or uncle

synonym: relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a little girl.

association

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

synonym : affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

mutual

adj. common to or shared by two or more parties

synonym : shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

consent

n. permission or agreement to do something, especially given by somebody in authority

synonym : approval, authorization, concession

(1) **consent** for surgery, (2) give silent **consent**

She gave her **consent** to the company's proposal.

viola

n. a stringed instrument of the violin family, slightly larger than a violin and tuned a fifth lower

synonym : alto violin, viola da gamba, viola d'amore

(1) **viola** section, (2) pick up a **viola**

She had been playing the **viola** for over a decade.

clan

n. a group of families united by actual or perceived kinship and descent, especially in Scotland

synonym : family, kin, tribe

(1) **clan** society, (2) tribal **clan**

This **clan** saved people from a world full of violence.

relation

n. the way two persons or groups of people feel and act toward one another

synonym : association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

wield

v. to possess and exercise power, authority, etc

synonym: exert, manage, handle

(1) **wield** her authority, (2) **wield** a bad influence

They **wielded** enormous power and influence.

humankind

n. the whole of the living human inhabitants of the earth

synonym: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

urge

v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

synonym: push for, advise, (noun) impulse

(1) **urge** a total ban, (2) a sexual **urge**

The lobbyist **urged** Congress not to approve the measure.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

Session 2: Spelling

1. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
2. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
3. become ess_____ly same *adv.* relating to the essential features or concepts of anything
4. wi__d a bad influence *v.* to possess and exercise power, authority, etc
5. a he___c poem *adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
6. re_____e a prisoner *v.* to set free or allow to escape from confinement
7. re___e a company from bankruptcy *v.* to save someone or something from a dangerous or difficult situation
8. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
9. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 1. genetically, 2. invention, 3. essentially, 4. wield, 5. heroic, 6. release, 7. rescue, 8. consume, 9. cancer

10. ac__e pain *adj.* extremely sharp or severe
11. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
12. alcohol s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
13. mo___y my behavior *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
14. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
15. fo_____e challenges *v.* to perceive or predict; to anticipate or expect something to happen in the future
16. a flavorful sa__e *n.* a liquid or semi-solid food served on or used in preparing other foods
17. a se___e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
18. qu_____le the price of gold *v.* to consist of four items or people; to become four times as great or many
19. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
20. cerebral pa__y *n.* a condition characterized by the loss or impairment of movement or sensation due to damage or disease affecting the nervous system; paralysis or weakness

ANSWERS: 10. acute, 11. medicinal, 12. swab, 13. modify, 14. sequence, 15. foresee, 16. sauce, 17. severe, 18. quadruple, 19. absolutely, 20. palsy

21. un_____ke routine duties *v.* to do or begin to do something, such as an enterprise or responsibility
22. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
23. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
24. es_____en receptor *n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics
25. pr_____nt emeritus *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
26. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
27. asy_____tic carrier *adj.* not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it
28. actions that si_____y agreement *v.* to indicate, represent, or communicate something, especially an idea or concept, often through a symbol, gesture, or word
29. pre-mo_____n agricultural society *adj.* of or belonging to the present time or recent times

ANSWERS: 21. undertake, 22. medical, 23. disrupt, 24. estrogen, 25. president, 26. responsible, 27. asymptomatic, 28. signify, 29. modern

30. qu_____le the amount *v.* to consist of four items or people; to become four times as great or many
31. pl_____nt test *n.* the act or process of putting something in a particular position or location; a temporary position or job in an organization
32. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
33. history of hu_____nd *n.* the whole of the living human inhabitants of the earth
34. res_____ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
35. the a__h of a person's foot *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
36. mu___l efforts *adj.* common to or shared by two or more parties
37. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
38. share of a mu___l fund *adj.* common to or shared by two or more parties
39. cotton s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
40. com_____le with HTML5 *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched

ANSWERS: 30. quadruple, 31. placement, 32. flood, 33. humankind, 34. respiratory, 35. arch, 36. mutual, 37. suddenly, 38. mutual, 39. swab, 40. compatible

41. a n__k on the fender of a car *n.* a small cut, notch, or indentation in a surface or an edge
42. even more unf_____ely *adv.* by bad luck; unluckily
43. es_____en-responsive breast cancer *n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics
44. sp__l a bit of wine *v.* to cause or allow liquid to run or flow over the edge of its container by accident
45. a gr_____ng campaign *adj.* extremely tiring or demanding great effort, especially with long duration or intensity
46. pe_____de application *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
47. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
48. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
49. cultural n__m *n.* something that is regarded as usual, typical, or standard
50. a pa_____el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
51. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 41. nick, 42. unfortunately, 43. estrogen, 44. spill, 45. grueling, 46. pesticide, 47. equivalent, 48. assemble, 49. norm, 50. parallel, 51. invention

52. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
53. wi__d her authority *v.* to possess and exercise power, authority, etc
54. cl____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
55. re____e CO2 into the air *v.* to set free or allow to escape from confinement
56. de____p wallpaper *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
57. res____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
58. in____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
59. economic bu____e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
60. Jo____n satellites *adj.* relating to Jupiter or its characteristics
61. traditional me____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 52. pixel, 53. wield, 54. clinical, 55. release, 56. desktop, 57. responsible, 58. influence, 59. bubble, 60. Jovian, 61. medicinal

62. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
63. car_____thy with arrhythmia *n.* a disease of the heart muscle that often leads to heart failure, irregular heartbeats, and other serious cardiovascular issues
64. a scholarship ass_____on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
65. the ul_____te luxury *adj.* furthest or highest in degree or order
66. vegetable ma____w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
67. co_____ce her to go with us *v.* to persuade someone or make someone believe that something is true
68. word ass_____ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
69. so_____n oil *n.* a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications

ANSWERS: 62. app, 63. cardiomyopathy, 64. association, 65. ultimate, 66. marrow, 67. convince, 68. association, 69. soybean

70. he___c explorers *adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
71. ca_____te selection *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
72. p__y for rain *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
73. n__m of action *n.* something that is regarded as usual, typical, or standard
74. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
75. a fa_____ic dress *adj.* extremely good; excellent
76. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
77. the al___e in a pair *n.* any of the alternative forms of a gene that can occupy a given chromosomal location
78. ess_____ly correct *adv.* relating to the essential features or concepts of anything
79. beat com_____or offer *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business
80. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

ANSWERS: 70. heroic, 71. candidate, 72. pray, 73. norm, 74. colleague, 75. fantastic, 76. sequence, 77. allele, 78. essentially, 79. competitor, 80. institute

81. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
82. bu___e in the champagne glass *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
83. pos_____em findings *adj.* relating to or occurring after death; a postmortem examination is a medical examination of a body after death to determine the cause of death or to study the effects of a disease or medical treatment
84. my_____d sarcoma *adj.* relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
85. hereditary mu_____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
86. genetically mo___y food *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
87. ped_____cs department *n.* the branch of medicine that deals with the care and treatment of children
88. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 81. equivalent, 82. bubble, 83. postmortem, 84. myeloid, 85. mutation, 86. modify, 87. pediatrics, 88. clinical

89. the professor of su____y
90. sy_____ms of low testosterone
91. a to_____nt teacher
92. che_____apy side effects
93. electronic typ_____er
94. a ge_____c disorder
95. a sexual u__e
- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
- n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
- adj.* accepting different views, beliefs, or practices without judgment or interference
- n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
- n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
- v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

ANSWERS: 89. surgery, 90. symptom, 91. tolerant, 92. chemotherapy, 93. typewriter, 94. genetic, 95. urge

96. acute le____ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
97. del_____us actions *adj.* causing harm, damage, or injury; having a detrimental or destructive effect
98. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
99. co_____ce an opponent *v.* to persuade someone or make someone believe that something is true
100. pl_____nt agency *n.* the act or process of putting something in a particular position or location; a temporary position or job in an organization
101. dy_____ia symptoms *n.* a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures
102. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
103. p__t control *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
104. vi___m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

ANSWERS: 96. leukemia, 97. deleterious, 98. relation, 99. convince, 100. placement, 101. dystonia, 102. institute, 103. pest, 104. victim

105. a t__n room *n.* either of two children born at the same time from the same mother
106. ethnic blo_____ing *n.* the act of intentionally cutting a person's skin or vein to remove blood once thought to cure various illnesses; indiscriminate slaughter
107. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
108. a sex chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
109. pick up a vi__a *n.* a stringed instrument of the violin family, slightly larger than a violin and tuned a fifth lower
110. vi__a section *n.* a stringed instrument of the violin family, slightly larger than a violin and tuned a fifth lower
111. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
112. neurotic sy_____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
113. tr___e digits *adj.* consisting of three items or people; three times as great or many
114. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 105. twin, 106. bloodletting, 107. humankind, 108. chromosome, 109. viola, 110. viola, 111. revolution, 112. symptom, 113. triple, 114. decide

115. inherit one al___e *n.* any of the alternative forms of a gene that can occupy a given chromosomal location
116. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
117. p__y devoutly *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
118. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
119. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
120. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
121. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
122. ped_____cs clinic *n.* the branch of medicine that deals with the care and treatment of children
123. tra_____nt my family to America *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

ANSWERS: 115. allele, 116. represent, 117. pray, 118. severe, 119. genetic, 120. structure, 121. mass, 122. pediatrics, 123. transplant

124. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
125. di_____d the veins *v.* to expand, inflate, or stretch out in all directions, especially as a result of internal pressure or force; to swell or bulge out of shape
126. the blind g_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
127. gi_____ic proportions *adj.* extremely large
128. g_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
129. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
130. pr_____or to serotonin *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
131. an a__h-shaped stone structure *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

ANSWERS: 124. genetically, 125. distend, 126. gut, 127. gigantic, 128. gut, 129. revolution, 130. precursor, 131. arch

132. fully com_____le *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
133. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
134. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
135. a pr_____nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
136. ind_____al freedom *n.* a single person or thing, as distinct from a group
137. pa_____el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
138. un_____al life *adj.* existing or affecting everywhere or everyone
139. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
140. c__n society *n.* a group of families united by actual or perceived kinship and descent, especially in Scotland

ANSWERS: 132. compatible, 133. footprint, 134. introduction, 135. profound, 136. individual, 137. parallel, 138. universal, 139. structure, 140. clan

141. di____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
142. do___m millionaire *n.* a company or business that primarily operates on the Internet or has a web-based presence, particularly during the late 1990s and early 2000s when the Internet was a new and rapidly growing industry
143. imm_____gy research *n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
144. ac__e triangle *adj.* extremely sharp or severe
145. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
146. Et____et router *n.* a standardized system for connecting computers and other devices in a local area network (LAN), which enables the transmission of data over cables using a set of protocols
147. sp__l my heart *v.* to cause or allow liquid to run or flow over the edge of its container by accident

ANSWERS: 141. disrupt, 142. dotcom, 143. immunology, 144. acute, 145. app, 146. Ethernet, 147. spill

148. fa___e relief *n.* a severe shortage of food, often caused by drought, war, or economic reasons
149. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
150. d_t blot method *n.* a very small circular mark, especially one that is printed
151. per_____ze my workspace *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
152. childhood le_____ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
153. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
154. Jo___n planet *adj.* relating to Jupiter or its characteristics
155. imm_____gy laboratory *n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
156. pe_____de residue *n.* a substance used for preventing, destroying, repelling, or mitigating any pest

ANSWERS: 148. famine, 149. communal, 150. dot, 151. personalize, 152. leukemia, 153. typical, 154. Jovian, 155. immunology, 156. pesticide

157. idiopathic car_____thy *n.* a disease of the heart muscle that often leads to heart failure, irregular heartbeats, and other serious cardiovascular issues
158. gr_____ng process *adj.* extremely tiring or demanding great effort, especially with long duration or intensity
159. the f__k songs of a particular district *n.* people in general, especially those of a particular group or type
160. si_____y importance *v.* to indicate, represent, or communicate something, especially an idea or concept, often through a symbol, gesture, or word
161. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
162. re_____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
163. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
164. a private ind_____al *n.* a single person or thing, as distinct from a group
165. pos_____em analysis *adj.* relating to or occurring after death; a postmortem examination is a medical examination of a body after death to determine the cause of death or to study the effects of a disease or medical treatment

ANSWERS: 157. cardiomyopathy, 158. grueling, 159. folk, 160. signify, 161. pace, 162. receptor, 163. implication, 164. individual, 165. postmortem

166. harvesting wh__t *n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
167. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
168. ma_____e amounts *adj.* enormous amount; very heavy and solid
169. coal fa___e *n.* a severe shortage of food, often caused by drought, war, or economic reasons
170. asy_____tic infection *adj.* not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it
171. to_____nt of his failure *adj.* accepting different views, beliefs, or practices without judgment or interference
172. se_____in drug *n.* a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory
173. ce_____al cortex *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
174. in___e my house against fire *v.* to provide coverage in the event of loss or damage
175. gi_____ic monsters *adj.* extremely large
176. dr_____t conditions *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

ANSWERS: 166. wheat, 167. crop, 168. massive, 169. famine, 170. asymptomatic, 171. tolerant, 172. serotonin, 173. cerebral, 174. insure, 175. gigantic, 176. drought

177. ce____al palsy *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
178. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
179. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
180. pr_____or cell *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
181. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
182. blo_____ing device *n.* the act of intentionally cutting a person's skin or vein to remove blood once thought to cure various illnesses; indiscriminate slaughter
183. st___e crop *adj.* essential, crucial, or regularly used
184. res_____ve to affection *adj.* quick to respond or react to something
185. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
186. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

ANSWERS: 177. cerebral, 178. decide, 179. genome, 180. precursor, 181. implication, 182. bloodletting, 183. staple, 184. responsive, 185. fundamental, 186. radiation

187. so_____n production *n.* a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications
188. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
189. sequencing of the human ge____e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
190. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
191. wh__t crop *n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
192. salmon st__k *n.* a thin slice of meat, typically beef, grilled or fried and served as a main dish
193. st__k dinner *n.* a thin slice of meat, typically beef, grilled or fried and served as a main dish
194. fl_____sh economically *v.* to grow or develop vigorously or successfully
195. with an empty be__y *n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

ANSWERS: 187. soybean, 188. genetics, 189. genome, 190. software, 191. wheat, 192. steak, 193. steak, 194. flourish, 195. belly

196. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
197. alpha he__x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
198. b_b a quick curtsy *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
199. a tr___e mirror *adj.* consisting of three items or people; three times as great or many
200. per_____ze social media profile *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
201. successful do___m *n.* a company or business that primarily operates on the Internet or has a web-based presence, particularly during the late 1990s and early 2000s when the Internet was a new and rapidly growing industry
202. the be__y of the ship *n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

ANSWERS: 196. relate, 197. helix, 198. bob, 199. triple, 200. personalize, 201. dotcom, 202. belly

203. n__k on my hand *n.* a small cut, notch, or indentation in a surface or an edge
204. typ_____er keys *n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
205. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
206. tribal c__n *n.* a group of families united by actual or perceived kinship and descent, especially in Scotland
207. f__k art *n.* people in general, especially those of a particular group or type
208. soy sa__e *n.* a liquid or semi-solid food served on or used in preparing other foods
209. de___e this modification *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
210. hereditary dy_____ia *n.* a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures
211. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

ANSWERS: 203. nick, 204. typewriter, 205. smartphone, 206. clan, 207. folk, 208. sauce, 209. delete, 210. dystonia, 211. relate

212. as____le your colleagues *v.* to collect in one place as a single group
213. the end of chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
214. abs_____ly against *adv.* without restriction or limitation; completely or utterly
215. re___e a dying dog *v.* to save someone or something from a dangerous or difficult situation
216. chemical re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
217. color pi__ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
218. un_____ke an enterprise *v.* to do or begin to do something, such as an enterprise or responsibility
219. sq___t water *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
220. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
221. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
222. ca___r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 212. assemble, 213. chromosome, 214. absolutely, 215. rescue, 216. reaction, 217. pixel, 218. undertake, 219. squirt, 220. communal, 221. typical, 222. cancer

223. mo___n poetry *adj.* of or belonging to the present time or recent times
224. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
225. principles of un_____al design *adj.* existing or affecting everywhere or everyone
226. complex bio_____al *adj.* relating to the chemical processes and substances that occur within living organisms
227. a p__t of bean plants *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
228. b_b on the surface of the water *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
229. cardiac su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
230. domestic com_____or *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

ANSWERS: 223. modern, 224. medical, 225. universal, 226. biochemical, 227. pest, 228. bob, 229. surgery, 230. competitor

231. che_____apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
232. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
233. job pr_____cts *n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals
234. st___e commodities *adj.* essential, crucial, or regularly used
235. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
236. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
237. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
238. el__t death *v.* to choose someone for a specific position by voting for them; to decide or choose to do something
239. ma_____e stars *adj.* enormous amount; very heavy and solid

ANSWERS: 231. chemotherapy, 232. mass, 233. prospect, 234. staple, 235. respiratory, 236. colleague, 237. volunteer, 238. elect, 239. massive

240. he__x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
241. vice-pr_____nt for finance *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
242. pr_____ct for gold *n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals
243. tra_____nt a heart *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
244. fo_____e the consequences *v.* to perceive or predict; to anticipate or expect something to happen in the future
245. bio_____al reaction *adj.* relating to the chemical processes and substances that occur within living organisms
246. br__e decision *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
247. mu_____on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

ANSWERS: 240. helix, 241. president, 242. prospect, 243. transplant, 244. foresee, 245. biochemical, 246. brave, 247. mutation

248. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
249. res_____ve customer service *adj.* quick to respond or react to something
250. give silent co_____t *n.* permission or agreement to do something, especially given by somebody in authority
251. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
252. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
253. u__e a total ban *v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
254. human fe__s *n.* waste matter eliminated from the bowels; excrement
255. di_____d balloon *v.* to expand, inflate, or stretch out in all directions, especially as a result of internal pressure or force; to swell or bulge out of shape
256. muscle pa__y *n.* a condition characterized by the loss or impairment of movement or sensation due to damage or disease affecting the nervous system; paralysis or weakness

ANSWERS: 248. background, 249. responsive, 250. consent, 251. represent, 252. diagnose, 253. urge, 254. feces, 255. distend, 256. palsy

257. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
258. in___e domestic tranquility *v.* to provide coverage in the event of loss or damage
259. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
260. periods of dr_____t *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
261. PhD ca_____te *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
262. Et_____et port *n.* a standardized system for connecting computers and other devices in a local area network (LAN), which enables the transmission of data over cables using a set of protocols
263. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
264. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
265. el__t the school board *v.* to choose someone for a specific position by voting for them; to decide or choose to do something

ANSWERS: 257. influence, 258. insure, 259. fundamental, 260. drought, 261. candidate, 262. Ethernet, 263. software, 264. genetics, 265. elect

266. se_____in levels *n.* a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory
267. a criminal bac_____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
268. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
269. absolutely fa_____ic event *adj.* extremely good; excellent
270. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
271. fl_____sh worldwide *v.* to grow or develop vigorously or successfully
272. vi_____m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
273. co_____t for surgery *n.* permission or agreement to do something, especially given by somebody in authority
274. die su_____ly *adv.* quickly and unexpectedly
275. the ma_____w of a speech *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

ANSWERS: 266. serotonin, 267. background, 268. breast, 269. fantastic, 270. relation, 271. flourish, 272. victim, 273. consent, 274. suddenly, 275. marrow

276. a t__n-lens camera *n.* either of two children born at the same time from the same mother
277. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
278. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
279. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
280. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
281. de___e a file *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
282. unf_____ely caught in a shower *adv.* by bad luck; unluckily
283. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 276. twin, 277. planet, 278. process, 279. flood, 280. radiation, 281. delete, 282. unfortunately, 283. introduction

284. re____r approval ratings *v.* to return to a former condition, health, mind, or strength
285. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
286. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
287. ch__t on my taxes *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
288. the ul____te goal in life *adj.* furthest or highest in degree or order
289. ch__t in a game *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
290. salted ov__y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
291. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
292. my____d leukemia *adj.* relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
293. fe__s sample *n.* waste matter eliminated from the bowels; excrement
294. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

ANSWERS: 284. recover, 285. planet, 286. zoom, 287. cheat, 288. ultimate, 289. cheat, 290. ovary, 291. crop, 292. myeloid, 293. feces, 294. breast

295. im____e a process *v.* to make or become better
296. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
297. the pr____nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
298. ov__y atrophy *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
299. large in_____ne *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
300. at your own p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
301. de_____p software *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
302. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
303. re_____r a loss *v.* to return to a former condition, health, mind, or strength
304. cross-co___n marriage *n.* the child of your aunt or uncle
305. cellular re_____or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

ANSWERS: 295. improve, 296. volunteer, 297. profound, 298. ovary, 299. intestine, 300. pace, 301. desktop, 302. lab, 303. recover, 304. cousin, 305. receptor

306. in_____ne wall *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
307. br__e soldier *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
308. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
309. im_____e the test score *v.* to make or become better
310. connecting the d_ts *n.* a very small circular mark, especially one that is printed
311. co___n's family *n.* the child of your aunt or uncle
312. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
313. del_____us impact *adj.* causing harm, damage, or injury; having a detrimental or destructive effect
314. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
315. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface

ANSWERS: 306. intestine, 307. brave, 308. zoom, 309. improve, 310. dot, 311. cousin, 312. process, 313. deleterious, 314. reaction, 315. footprint

316. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
317. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
318. sq____t oil *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
319. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
320. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 316. consume, 317. smartphone, 318. squirt, 319. diagnose, 320. lab

Session 3: Fill in the Blanks

1. He walked a road _____ to the railroad.
adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
2. The interviewer arrived in a _____ of time.
n. a small cut, notch, or indentation in a surface or an edge
3. The human _____ contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things
4. The _____ firefighter rescued the family from the burning building.
adj. showing courage or fearlessness in the face of danger, difficulty, or adversity
5. Sulfur dioxide and nitrogen oxides are the primary _____ of acid rain.
n. a person or thing that comes before another of the same kind and that contributes to or influences its growth
6. He ordered a rare _____ for dinner.
n. a thin slice of meat, typically beef, grilled or fried and served as a main dish
7. She gave her _____ to the company's proposal.
n. permission or agreement to do something, especially given by somebody in authority
8. The farmer grew _____ on his land.
n. a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc

ANSWERS: 1. parallel, 2. nick, 3. genome, 4. brave, 5. precursors, 6. steak, 7. consent, 8. wheat

9. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
adj. answerable or accountable for something within one's power, control, or management
10. The new software is not _____ with the old operating system, causing compatibility issues and errors.
adj. capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
11. I need to ____ my head to the beat of the music.
v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
12. She had a tattoo just above her _____ button.
n. the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
13. I am _____ opposed to his idea because of morality.
adv. without restriction or limitation; completely or utterly
14. The farmer harvested his _____ crop and took it to market.
n. a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications
15. I decided to seek counseling on the advice of my _____.
n. one of a group of a coworker, especially in a profession or a business

ANSWERS: 9. responsible, 10. compatible, 11. bob, 12. belly, 13. absolutely, 14. soybean, 15. colleague

16. We elected him to _____ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
17. The DNA molecule is shaped like a double _____.
- n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
18. He was determined to _____ everything.
- v.* to cause or allow liquid to run or flow over the edge of its container by accident
19. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
20. There was a chemical _____ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
21. The _____ of the advertisement on the billboard was strategic in attracting a large audience.
- n.* the act or process of putting something in a particular position or location; a temporary position or job in an organization
22. The _____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
23. These heavy rains caused flash _____ on several islands.
- n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount

ANSWERS: 16. represent, 17. helix, 18. spill, 19. decide, 20. reaction, 21. placement, 22. mass, 23. floods

24. Eating too much can _____ your stomach and cause discomfort.
- v.* to expand, inflate, or stretch out in all directions, especially as a result of internal pressure or force; to swell or bulge out of shape
25. The wallpaper had a pattern of pink _____ on a white surface.
- n.* a very small circular mark, especially one that is printed
26. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
27. The _____ cells in the bone marrow are responsible for producing red and white blood cells.
- adj.* relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
28. Human behavior has _____ characteristics.
- adj.* forming an essential base or core from which everything else develops or is affected
29. Internet traffic volumes have increased significantly with the advent of _____.
- n.* a mobile phone that functions as a computer and connects to the Internet
30. We want to _____ ties between our two countries.
- v.* to make or become better
31. The _____ platform focused on healthcare reform and reducing income inequality.
- n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

ANSWERS: 24. distend, 25. dots, 26. Essentially, 27. myeloid, 28. fundamental, 29. smartphones, 30. improve, 31. candidate's

32. The study showed that one-third of infected individuals could remain _____ throughout the disease.
adj. not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it
33. This region has many _____ offering higher education.
n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
34. The senator received _____ criticism from his opponent.
adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
35. The fire department arrived just in time to _____ the family from the burning building.
v. to save someone or something from a dangerous or difficult situation
36. They _____ enormous power and influence.
v. to possess and exercise power, authority, etc
37. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes
38. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

ANSWERS: 32. asymptomatic, 33. institutes, 34. severe, 35. rescue, 36. wielded, 37. pace, 38. receptors

39. He had undergone heart _____ years before.
- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
40. Management must take _____ responsibility for the accident.
- adj.* furthest or highest in degree or order
41. The older woman also suffers bone loss caused by _____ deficiency.
- n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics
42. Many cancer patients undergo _____ as a treatment option.
- n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
43. The _____ to the new class was informative and engaging.
- n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
44. The president began to _____ an army.
- v.* to collect in one place as a single group
45. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface
46. The symptoms of _____ may include fatigue, weakness, and fever.
- n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably

ANSWERS: 39. surgery, 40. ultimate, 41. estrogen, 42. chemotherapy, 43. introduction, 44. assemble, 45. footprint, 46. leukemia

47. The doctor used leeches for _____ as they were thought to be more effective than cutting the skin.
- n.* the act of intentionally cutting a person's skin or vein to remove blood once thought to cure various illnesses; indiscriminate slaughter
48. The recent economic downturn has resulted in _____ layoffs.
- adj.* enormous amount; very heavy and solid
49. The _____ moon Europa is believed to have an ocean beneath its icy surface.
- adj.* relating to Jupiter or its characteristics
50. The lobbyist _____ Congress not to approve the measure.
- v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
51. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
52. The farmer sprayed _____ on his crops to protect them from insects.
- n.* a substance used for preventing, destroying, repelling, or mitigating any pest
53. This _____ saved people from a world full of violence.
- n.* a group of families united by actual or perceived kinship and descent, especially in Scotland
54. She is still _____ from a shot to her shoulder.
- v.* to return to a former condition, health, mind, or strength

ANSWERS: 47. bloodletting, 48. massive, 49. Jovian, 50. urged, 51. structure, 52. pesticide, 53. clan, 54. recovering

55. She had been playing the _____ for over a decade.

- n.* a stringed instrument of the violin family, slightly larger than a violin and tuned a fifth lower

56. He tried to _____ the seedling into a larger pot.

- v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

57. His poem has a very significant _____.

- n.* something that is inferred or indirectly stated; the act or fact of being involved in something

58. I will _____ my car before I go on a road trip.

- v.* to provide coverage in the event of loss or damage

59. The _____ team worked quickly to save the patient's life.

- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

60. His membership in the _____ provided him with numerous benefits.

- n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

61. The _____ website design allows for easy navigation on any device.

- adj.* quick to respond or react to something

62. The _____ properties of this herb have been known to help with various ailments.

- adj.* of or relating to the treatment or cure of disease

ANSWERS: 55. viola, 56. transplant, 57. implication, 58. insure, 59. medical, 60. association, 61. responsive, 62. medicinal

63. As an _____ he had the right to make his own decisions and live his life as he saw fit.

n. a single person or thing, as distinct from a group

64. Highlight the sentences that you want to _____.

v. to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

65. The doctor diagnosed the patient with hypertrophic _____.

n. a disease of the heart muscle that often leads to heart failure, irregular heartbeats, and other serious cardiovascular issues

66. The red lights on the dashboard _____ that the car needs maintenance.

v. to indicate, represent, or communicate something, especially an idea or concept, often through a symbol, gesture, or word

67. Breast _____ is the most common type of cancer in women.

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

68. I'm so sorry to _____ you when you're pretty busy.

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

69. He is a specialist in the _____ of aging.

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

70. The club _____ does not have absolute power.

n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.

ANSWERS: 63. individual, 64. delete, 65. cardiomyopathy, 66. signify, 67. cancer, 68. disrupt, 69. genetics, 70. president

71. Who answers _____ knows little.

adv. quickly and unexpectedly

72. The small _____ is responsible for absorbing most of the nutrients from food.

n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

73. I am studying _____ in medical school because I love working with children.

n. the branch of medicine that deals with the care and treatment of children

74. The computer screen comprises thousands of tiny _____ that create the overall picture.

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

75. We do move forward with those tasks in _____ next week.

n. a series of related events, actions, numbers, etc., which have a particular order

76. The medical examiner performed a _____ examination to determine the cause of death.

adj. relating to or occurring after death; a postmortem examination is a medical examination of a body after death to determine the cause of death or to study the effects of a disease or medical treatment

77. Her diagnosis of cervical _____ explained her neck's unusual tilting and turning.

n. a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures

ANSWERS: 71. suddenly, 72. intestine, 73. pediatrics, 74. pixels, 75. sequence, 76. postmortem, 77. dystonia

78. The patient experienced a _____ hemorrhage and required surgery.

adj. relating to the brain or intellect; intellectual or studious rather than emotional or physical

79. The _____ of starting a new business can be both exciting and daunting.

n. the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals

80. The patient died from _____ alcohol intoxication.

adj. extremely sharp or severe

81. On the geological time scale, _____ has existed for a brief moment.

n. the whole of the living human inhabitants of the earth

82. Some seaweed was used as _____ medicine in ancient times.

n. people in general, especially those of a particular group or type

83. Environmental factors can also influence the expression of _____ a phenomenon known as epigenetics.

n. any of the alternative forms of a gene that can occupy a given chromosomal location

84. I _____ a problem arising if we don't address this issue now.

v. to perceive or predict; to anticipate or expect something to happen in the future

85. Sow early for an early _____.

n. a plant that is cultivated in large amounts, particularly for food

ANSWERS: 78. cerebral, 79. prospect, 80. acute, 81. humankind, 82. folk, 83. alleles, 84. foresee, 85. crop

86. The _____ bears the weight of the overhead bridge.
- n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
87. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
88. We need to upgrade our _____ cables for faster internet speeds.
- n.* a standardized system for connecting computers and other devices in a local area network (LAN), which enables the transmission of data over cables using a set of protocols
89. A smaller car will _____ less fuel.
- v.* to spend something, especially fuel, energy, or time, in a large amount
90. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
91. I like to _____ my phone case with a picture of my dog.
- v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
92. The marathon was a _____ test of endurance.
- adj.* extremely tiring or demanding great effort, especially with long duration or intensity
93. Radiation often promotes genetic _____ in plants and animals.
- n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

ANSWERS: 86. arch, 87. invention, 88. Ethernet, 89. consume, 90. norms, 91. personalize, 92. grueling, 93. mutations

94. The gardener used natural methods to keep _____ away from her plants.
n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
95. Rice and beans are a _____ food in many cultures.
adj. essential, crucial, or regularly used
96. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
97. This device is used to _____ brain cancer and other tumors.
v. to determine or distinguish the nature of a problem or an illness through a careful analysis
98. The _____ of the crime deserves justice and support to recover from the trauma.
n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
99. Recent advances in _____ have shown promise in the fight against cancer
n. the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
100. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

ANSWERS: 94. pests, 95. staple, 96. equivalent, 97. diagnose, 98. victim, 99. immunology, 100. respiratory

101. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
102. He told me a _____ truth about my parent's death.
- n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
103. The picture earned near-_____ acclaim from critics.
- adj.* existing or affecting everywhere or everyone
104. He tried every possible treatment, including chemotherapy and _____ therapy.
- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
105. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
106. He _____ back in time to the soccer game.
- v.* to move along very quickly; (noun) the act of rising upward into the air
107. He was so hungry from the long journey that he had a _____ appetite.
- adj.* extremely large
108. I need to upgrade my _____ computer since it's become quite slow.
- n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities

ANSWERS: 101. process, 102. gut-wrenching, 103. universal, 104. radiation, 105. lab, 106. zoomed, 107. gigantic, 108. desktop

109. They cooperated for their _____ benefit.

adj. common to or shared by two or more parties

110. I found an old _____ at a thrift store and used it to write my novel.

n. a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over

111. The medicine works by boosting _____ levels in the brain.

n. a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory

112. Human females normally have two X _____.

n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

113. He tried to _____ his experience to the group, but they couldn't understand.

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

114. Some people with Parkinson's disease may experience tremors and _____ in their limbs.

n. a condition characterized by the loss or impairment of movement or sensation due to damage or disease affecting the nervous system; paralysis or weakness

115. I used to play with my younger male _____ when I was a little girl.

n. the child of your aunt or uncle

116. The company's hiring criteria emphasize personality, not a person's _____.

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 109. mutual, 110. typewriter, 111. serotonin, 112. chromosomes, 113.

relate, 114. palsy, 115. cousins, 116. background

117. Many people worry that the current real estate market is a _____ that could burst soon.
- n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
118. The Ottoman Empire _____ for over five centuries.
- v.* to grow or develop vigorously or successfully
119. The severe _____ caused by the drought has left many people without food.
- n.* a severe shortage of food, often caused by drought, war, or economic reasons
120. My mother's illness had a _____ impact on us all.
- adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
121. He grilled the _____ meat of a chicken.
- n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
122. The former emperor had a particular _____ even after he abdicated.
- n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
123. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
- adj.* extremely good; excellent
124. His coach is a _____ Olympic champion.
- adj.* consisting of three items or people; three times as great or many

ANSWERS: 117. bubble, 118. flourished, 119. famine, 120. profound, 121. breast, 122. influence, 123. fantastic, 124. triple

125. Every five years, the provincial governors are _____.

- v.* to choose someone for a specific position by voting for them; to decide or choose to do something

126. I am considering what I should do to _____ him.

- v.* to persuade someone or make someone believe that something is true

127. The _____ by the citizen resulted in a redistribution of wealth.

- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

128. The discovery of a critical bug caused the company to delay the _____ release.

- n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

129. She was known for her _____ attitude toward different cultures.

- adj.* accepting different views, beliefs, or practices without judgment or interference

130. The patient displays a _____ of a side effect.

- n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

131. Even though he knew it was wrong, he _____ on the exam.

- v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws

132. The company specializes in both hardware and _____.

- n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 125. elected, 126. convince, 127. revolution, 128. app's, 129. tolerant, 130. symptom, 131. cheated, 132. software

133. His stock earnings _____.

v. to consist of four items or people; to become four times as great or many

134. This artwork is _____ of her work.

adj. having the usual characteristics or traits of a specific group of things

135. The soup was made with bone _____ giving it a rich and savory flavor.

n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

136. Young people in this country should _____ military duties.

v. to do or begin to do something, such as an enterprise or responsibility

137. The treatments were done but, _____ were unsuccessful.

adv. by bad luck; unluckily

138. He took a _____ of his ear.

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

139. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

140. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

141. Understanding protein folding is a vital step in deciphering the _____ code.

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 133. quadrupled, 134. typical, 135. marrow, 136. undertake, 137. unfortunately, 138. swab, 139. planet, 140. relations, 141. genetic

142. She closed her eyes and _____ for strength to overcome difficult times.

- v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request

143. The _____ actions of individuals are now easily spread worldwide by SNS.

- adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

144. The _____ boom of the late 1990s changed the landscape of the tech industry forever.

- n.* a company or business that primarily operates on the Internet or has a web-based presence, particularly during the late 1990s and early 2000s when the Internet was a new and rapidly growing industry

145. She _____ the ketchup onto her fries before taking a bite.

- v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance

146. The teachers make full use of _____ assistance.

- n.* a person who performs or offers to perform a job or service without being paid for or forced to do

147. _____ research is essential to understanding the complex chemical reactions in living organisms.

- adj.* relating to the chemical processes and substances that occur within living organisms

148. We use adverbs to _____ verbs and adjectives.

- v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

ANSWERS: 142. prayed, 143. heroic, 144. dotcom, 145. squirted, 146. volunteer, 147. Biochemical, 148. modify

149. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
150. They found _____ cancer in an early stage.
n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
151. Smoking has _____ effects on your health, especially your lungs.
adj. causing harm, damage, or injury; having a detrimental or destructive effect
152. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
153. Its _____ brothers are difficult to tell apart except for their parents.
n. either of two children born at the same time from the same mother
154. She received special _____ training at the hospital.
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
155. The _____ modified crops were resistant to pests and required less water.
adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
156. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
157. The region has been experiencing a severe _____ leading to water shortages and crop failures.
n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

ANSWERS: 149. modern, 150. ovary, 151. deleterious, 152. release, 153. twin, 154. clinical, 155. genetically, 156. Communal, 157. drought,

158. Proper disposal of _____ is essential for maintaining public health and sanitation.

n. waste matter eliminated from the bowels; excrement

159. The gap between the company and its _____ has widened.

n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

160. The pasta dish was served with a rich tomato _____.

n. a liquid or semi-solid food served on or used in preparing other foods

ANSWERS: 158. feces, 159. competitors, 160. sauce