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Vocabulary Builder Reference from...

Cella Wright: How do you know if you have a virus? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

emerge

v. to move out of or away from something and become visible

synonym: arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

wildfire

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

synonym: blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**

The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym : pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

technique

n. a particular way or art of doing something that needs skill

synonym : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

polymerase

n. an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides

synonym : reverse transcriptase

(1) **polymerase** chain reaction, (2) RNA **polymerase**

The **polymerase** enzyme is essential for DNA replication.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym : series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

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.

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.

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.

imperceptible

adj. undetectable or indiscernible by the senses or by normal
means of measurement; extremely subtle, faint, or
gradual

synonym : hard to notice, indiscernible, subtle

(1) **imperceptible** movement, (2) **imperceptible** difference

The sound was **imperceptible** to the human ear, but the
sensitive microphone could pick it up.

detect

v. to find or recognize something, especially something
difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

amplify

v. to enhance something, particularly sound or brightness
synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

quantity

n. the amount or number of something; magnitude

synonym: abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

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.

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.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

segment

n. a part or section of something; a distinct group within a larger whole

synonym: section, part, division

(1) **segment** analysis, (2) market **segment**

The report divided the data into **segments** based on age, gender, and income level.

hepatitis

n. a medical condition in which the liver becomes inflamed, often as a result of infection by a virus

synonym: liver inflammation, liver disease, jaundice

(1) chronic **hepatitis**, (2) viral **hepatitis**

The patient was diagnosed with **hepatitis** C and will need treatment to clear the virus from her body.

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.

polio

n. an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

synonym : poliomyelitis, infantile paralysis

(1) **polio** epidemic, (2) **polio** eradication

The **polio** vaccine development is regarded as one of the greatest medical achievements of the 20th century.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym : covid

(1) **coronavirus** antibody test kit, (2) **coronavirus**

bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

presence

n. the fact or state that someone or something exists, occurs, or is present

synonym : existence, actuality, fact

(1) the evidence of the **presence**, (2) his majestic **presence**

The path to a solid online **presence** necessitates a high technical ability.

encode

v. to convert information into a code or format suitable for storage or transmission

synonym: transcribe, convert

(1) **encode** data, (2) **encode** information

The software can **encode** and decode encrypted messages.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

transcribe

v. to copy or reproduce something in written or printed form; to translate spoken language into written text

synonym: copy, record, transliterate

(1) **transcribe** notes, (2) **transcribe** documents

She needs to **transcribe** the interview recording to write the article for the magazine.

strand

n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore

synonym: fiber, filament, string

(1) a **strand** of fine hair, (2) double- **strand** DNA

I heard several melodic **strands** simultaneously.

complementary

adj. serving to complete or enhance something in a way that is suitable or pleasing

synonym: supplementary, additional, attendant

(1) **complementary** therapies, (2) self- **complementary** region

The two art pieces were hung on opposite walls and acted as **complementary** elements in the room's decor.

primer

n. a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied

synonym: undercoat, base coat, foundation

(1) a **primer** coat, (2) computer science **primer**

I need to apply **primer** to the walls before painting them.

enzyme

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

synonym: catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

probe

n. a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

synonym: investigation, inquiry, examination

(1) a lunar **probe**, (2) **probe** for inside information

NASA sent a **probe** to study the atmosphere of Jupiter.

fluorescent

adj. emitting or reflecting vibrant and vivid light, especially under ultraviolet light; describing a type of lamp or bulb that produces such light

synonym: luminescent, phosphorescent, radiant

(1) **fluorescent** bulb, (2) **fluorescent** material

The office installed new **fluorescent** lighting to save energy.

dye

v. to color a textile or hair by immersing it in a colored liquid or substance

synonym: color, tint, stain

(1) **dye** a T-shirt red, (2) **dye** patterns

She **dyed** her hair purple for a change.

fluorescence

n. the property of certain substances to absorb light at one wavelength and emit light at a longer wavelength, often producing a visible glow or color change; the visible light or color change resulting from this process

synonym : glow, luminescence, radiance

(1) **fluorescence** microscopy, (2) **fluorescence** labeling

The **fluorescence** of the green dye made it easy to see the bacteria under the microscope.

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.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

antibody

n. a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym: essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

abundant

adj. present in great quantity

synonym: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

detectable

adj. capable of being discovered or identified

synonym: perceptible, noticeable, observable

(1) a barely **detectable** change, (2) **detectable** by the human ear

The object is **detectable** at ultraviolet wavelengths.

unreliable

adj. not able to be trusted or depended on

synonym: inconsistent, erratic, undependable

(1) prove **unreliable**, (2) **unreliable** source of information

By incorrect assumption, statistics can be notoriously **unreliable**.

circulate

v. to move continuously or freely around a place or closed system

synonym: flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

extended

adj. longer than usual or anticipated

synonym: extensive, prolonged, elongated

(1) **extended** vacation, (2) **extended** payment

The **extended** airport runways may accommodate larger jets.

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym: hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym: endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

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.

immunoassay

n. a laboratory technique used to identify or quantify a specific substance, such as a hormone or drug, by detecting and measuring the immune response it produces in the body

(1) **immunoassay** test, (2) **immunoassay** kit

The pharmaceutical industry uses the **immunoassay** technique to develop new drugs.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

retroactive

adj. taking effect from a date in the past rather than the present; applying to a prior period or event

synonym: retrospective, backward-looking

(1) **retroactive** interference, (2) **retroactive** changes

The **retroactive** pay increase was a nice surprise for the employees.

untested

adj. not yet tried or proven; lacking in experience or verification; not yet subjected to a test or trial

synonym: untried, new, inexperienced

(1) **untested** hypothesis, (2) **untested** vaccine

The **untested** theory still needs to be reviewed by experts in the field.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

immunity

n. the ability of an organism to resist infection or disease, often due to the presence of antibodies

synonym: resistance, protection, defense

(1) **immunity** booster, (2) **immunity** response

Vaccination is an effective way to build **immunity** against diseases.

plasma

n. (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

(1) **plasma** membrane, (2) high-temperature **plasma**

Blood **plasma** makes up about half of the volume of blood.

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.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

innovation

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

synonym : invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

relay

v. to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.

synonym : pass on, transmit, broadcast

(1) **relay** a scene, (2) **relay** a request

Please **relay** the news to the world.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

quantify

v. to express or measure something in numerical terms

synonym : measure, express, determine

(1) **quantify** the results, (2) **quantify** blood flow

He tried to **quantify** the amount of product that was needed to complete the job.

boost

v. to improve, raise, or increase something

synonym: raise, advance, promote

(1) **boost** the economy, (2) **boost** flexibility

The new service helped **boost** net income by 10%.

accuracy

n. the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake

synonym: precision, exactness, truthfulness

(1) degree of **accuracy**, (2) the **accuracy** of his compass

To assure **accuracy**, I recommend investing in high-quality test kits.

declare

v. to say, state, or announce something clearly, officially, or publicly

synonym: announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

administer

v. to oversee and control the operation or arrangement of something

synonym: allocate, distribute, dispense

(1) **administer** justice, (2) **administer** the funds

After the accident, three governmental bodies **administer** the company.

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.

essential

adj. indispensable; fundamental

synonym : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

Session 2: Spelling

1. abs_____ly against *adv.* without restriction or limitation; completely or utterly
2. un_____ed vaccine *adj.* not yet tried or proven; lacking in experience or verification; not yet subjected to a test or trial
3. market se_____t *n.* a part or section of something; a distinct group within a larger whole
4. self-com_____ary region *adj.* serving to complete or enhance something in a way that is suitable or pleasing
5. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
6. sequencing of the human ge_____e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
7. an_____dy against bacteria *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
8. en_____e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
9. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
10. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

ANSWERS: 1. absolutely, 2. untested, 3. segment, 4. complementary, 5. absolutely, 6. genome, 7. antibody, 8. enzyme, 9. genetic, 10. bind

11. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
12. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
13. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
14. es_____al amino acid *adj.* indispensable; fundamental
15. the evidence of the pr_____ce *n.* the fact or state that someone or something exists, occurs, or is present
16. de_____e my love *v.* to say, state, or announce something clearly, officially, or publicly
17. viral he_____is *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
18. high-temperature pl____a *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
19. re__y a request *v.* to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.
20. de_____e independence *v.* to say, state, or announce something clearly, officially, or publicly

ANSWERS: 11. technique, 12. substance, 13. laboratory, 14. essential, 15. presence, 16. declare, 17. hepatitis, 18. plasma, 19. relay, 20. declare

21. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
22. residual qu_____ty *n.* the amount or number of something; magnitude
23. ret_____ve interference *adj.* taking effect from a date in the past rather than the present; applying to a prior period or event
24. com_____ary therapies *adj.* serving to complete or enhance something in a way that is suitable or pleasing
25. im_____ty response *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
26. double-st____d DNA *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
27. am_____y the effect *v.* to enhance something, particularly sound or brightness
28. imp_____ble difference *adj.* undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
29. lack of digestive en____es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
30. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 21. innovation, 22. quantity, 23. retroactive, 24. complementary, 25. immunity, 26. strand, 27. amplify, 28. imperceptible, 29. enzyme, 30. reverse

31. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
32. a pr___r coat *n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied
33. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
34. pr___e for inside information *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
35. chronic he_____is *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
36. anthropology lab_____ry *n.* a workplace for doing scientific research or teaching science; a lab
37. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
38. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body

ANSWERS: 31. infection, 32. primer, 33. tap, 34. probe, 35. hepatitis, 36. laboratory, 37. indicate, 38. infection

39. det_____le by the human ear *adj.* capable of being discovered or identified
40. RNA pol_____se *n.* an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides
41. a lunar pr__e *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
42. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
43. en___e information *v.* to convert information into a code or format suitable for storage or transmission
44. flu_____nce microscopy *n.* the property of certain substances to absorb light at one wavelength and emit light at a longer wavelength, often producing a visible glow or color change; the visible light or color change resulting from this process
45. fe__s sample *n.* waste matter eliminated from the bowels; excrement
46. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
47. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

ANSWERS: 39. detectable, 40. polymerase, 41. probe, 42. identify, 43. encode, 44. fluorescence, 45. feces, 46. bind, 47. tap

48. ind_____al freedom *n.* a single person or thing, as distinct from a group
49. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
50. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
51. prove unr_____le *adj.* not able to be trusted or depended on
52. qu_____fy blood flow *v.* to express or measure something in numerical terms
53. human fe__s *n.* waste matter eliminated from the bowels; excrement
54. cor_____us antibody test kit *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
55. fight vi__l infections *adj.* relating to or caused by a virus
56. imm_____ay test *n.* a laboratory technique used to identify or quantify a specific substance, such as a hormone or drug, by detecting and measuring the immune response it produces in the body
57. an ab_____nt supply of water *adj.* present in great quantity

ANSWERS: 48. individual, 49. immune, 50. reverse, 51. unreliable, 52. quantify, 53. feces, 54. coronavirus, 55. viral, 56. immunoassay, 57. abundant

58. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
59. ret_____ve changes *adj.* taking effect from a date in the past rather than the present; applying to a prior period or event
60. am_____y a signal *v.* to enhance something, particularly sound or brightness
61. a st____d of fine hair *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
62. se_____t analysis *n.* a part or section of something; a distinct group within a larger whole
63. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
64. im_____ty booster *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
65. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
66. flu_____nce labeling *n.* the property of certain substances to absorb light at one wavelength and emit light at a longer wavelength, often producing a visible glow or color change; the visible light or color change resulting from this process

ANSWERS: 58. indicate, 59. retroactive, 60. amplify, 61. strand, 62. segment, 63. protein, 64. immunity, 65. chain, 66. fluorescence

67. 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
68. pl___a membrane *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
69. bo__t the economy *v.* to improve, raise, or increase something
70. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
71. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
72. qu_____fy the results *v.* to express or measure something in numerical terms
73. half qu_____ty *n.* the amount or number of something; magnitude
74. ex_____d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
75. un_____ed hypothesis *adj.* not yet tried or proven; lacking in experience or verification; not yet subjected to a test or trial

ANSWERS: 67. reaction, 68. plasma, 69. boost, 70. efficient, 71. specific, 72. quantify, 73. quantity, 74. exposed, 75. untested

76. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
77. di____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
78. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
79. em___e as a butterfly *v.* to move out of or away from something and become visible
80. a private ind____al *n.* a single person or thing, as distinct from a group
81. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
82. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
83. tra____be notes *v.* to copy or reproduce something in written or printed form; to translate spoken language into written text
84. arson-caused wi____re *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
85. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
86. de__t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 76. virus, 77. diagnose, 78. genome, 79. emerge, 80. individual, 81. chain, 82. specific, 83. transcribe, 84. wildfire, 85. virus, 86. detect

87. global pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
88. imp_____ble movement *adj.* undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
89. po__o epidemic *n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
90. flu pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
91. provide ac____te information *adj.* correct and exact in all details
92. detect a vi__l code *adj.* relating to or caused by a virus
93. en____e data *v.* to convert information into a code or format suitable for storage or transmission
94. 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
95. em____e from poverty *v.* to move out of or away from something and become visible
96. re_____r a loss *v.* to return to a former condition, health, mind, or strength
97. in____t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism

ANSWERS: 87. pandemic, 88. imperceptible, 89. polio, 90. pandemic, 91. accurate, 92. viral, 93. encode, 94. reaction, 95. emerge, 96. recover, 97. infect

98. tra_____be documents *v.* to copy or reproduce something in written or printed form; to translate spoken language into written text
99. d_e a T-shirt red *v.* to color a textile or hair by immersing it in a colored liquid or substance
100. degree of ac_____cy *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
101. flu_____nt material *adj.* emitting or reflecting vibrant and vivid light, especially under ultraviolet light; describing a type of lamp or bulb that produces such light
102. a barely det_____le change *adj.* capable of being discovered or identified
103. his majestic pr_____ce *n.* the fact or state that someone or something exists, occurs, or is present
104. ci_____te an agenda before the meeting *v.* to move continuously or freely around a place or closed system
105. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
106. re__y a scene *v.* to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.
107. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 98. transcribe, 99. dye, 100. accuracy, 101. fluorescent, 102. detectable, 103. presence, 104. circulate, 105. innovation, 106. relay, 107. digital

108. cor_____us bankruptcy *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
109. imm_____ay kit *n.* a laboratory technique used to identify or quantify a specific substance, such as a hormone or drug, by detecting and measuring the immune response it produces in the body
110. flu_____nt bulb *adj.* emitting or reflecting vibrant and vivid light, especially under ultraviolet light; describing a type of lamp or bulb that produces such light
111. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
112. adm_____er the funds *v.* to oversee and control the operation or arrangement of something
113. wi_____re spread *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
114. ex_____ng news *adj.* causing a lot of interest or excitement
115. live an ab_____nt life *adj.* present in great quantity
116. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 108. coronavirus, 109. immunoassay, 110. fluorescent, 111. genetic, 112. administer, 113. wildfire, 114. exciting, 115. abundant, 116. observe

117. ex_____ng football player *adj.* causing a lot of interest or excitement
118. ac_____te measurements *adj.* correct and exact in all details
119. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
120. unr_____le source of information *adj.* not able to be trusted or depended on
121. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
122. 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
123. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
124. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
125. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
126. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

ANSWERS: 117. exciting, 118. accurate, 119. diagnose, 120. unreliable, 121. circulate, 122. process, 123. deploy, 124. observe, 125. deploy, 126. efficient

127. pol_____se chain reaction *n.* an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides
128. ex_____ed payment *adj.* longer than usual or anticipated
129. po__o eradication *n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
130. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
131. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
132. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
133. im___e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
134. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 127. polymerase, 128. extended, 129. polio, 130. sequence, 131. protein, 132. develop, 133. immune, 134. device

135. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
136. bo__t flexibility *v.* to improve, raise, or increase something
137. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
138. d_e patterns *v.* to color a textile or hair by immersing it in a colored liquid or substance
139. es_____al commodities of life *adj.* indispensable; fundamental
140. an ex_____d rock *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
141. computer science pr___r *n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied
142. ex_____ed vacation *adj.* longer than usual or anticipated
143. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
144. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 135. infect, 136. boost, 137. substance, 138. dye, 139. essential, 140. exposed, 141. primer, 142. extended, 143. digital, 144. sequence

145. produce an_____dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
146. 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
147. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
148. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
149. re_____r approval ratings *v.* to return to a former condition, health, mind, or strength
150. de____t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
151. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
152. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
153. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 145. antibody, 146. process, 147. critic, 148. technique, 149. recover, 150. detect, 151. develop, 152. critic, 153. device

154. adm_____er justice *v.* to oversee and control the operation or arrangement of something
155. the ac_____cy of his compass *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
156. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 154. administer, 155. accuracy, 156. identify

Session 3: Fill in the Blanks

1. The sound was _____ to the human ear, but the sensitive microphone could pick it up.
adj. undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
2. After the accident, three governmental bodies _____ the company.
v. to oversee and control the operation or arrangement of something
3. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
4. The restaurant _____ a ban on smoking.
v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
5. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
6. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
7. You might need to _____ this point.
v. to enhance something, particularly sound or brightness
8. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill

ANSWERS: 1. imperceptible, 2. administer, 3. infect, 4. reversed, 5. protein, 6. critics, 7. amplify, 8. technique

9. The company's rules _____ the employee's working hours.
v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
10. The country has _____ oil and natural gas resources.
adj. present in great quantity
11. He tried to _____ the amount of product that was needed to complete the job.
v. to express or measure something in numerical terms
12. 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
13. Animal protection groups call for an end to animal testing in a _____.
n. a workplace for doing scientific research or teaching science; a lab
14. The official transcript contains _____ academic records.
adj. correct and exact in all details
15. Foreign goods from abroad must be _____ to customs when entering a country.
v. to say, state, or announce something clearly, officially, or publicly
16. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
17. The vaccination does not necessarily make you completely _____.
adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

ANSWERS: 9. bind, 10. abundant, 11. quantify, 12. reaction, 13. laboratory, 14. accurate, 15. declared, 16. sequence, 17. immune

18. By incorrect assumption, statistics can be notoriously _____.
adj. not able to be trusted or depended on
19. The patient was diagnosed with _____ C and will need treatment to clear the virus from her body.
n. a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
20. The vegetarian burger was an _____ that quickly spread to the United Kingdom.
n. the creation of a new device or process resulting from study and experimentation
21. The _____ enzyme is essential for DNA replication.
n. an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides
22. 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
23. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
24. To assure _____ I recommend investing in high-quality test kits.
n. the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
25. The object is _____ at ultraviolet wavelengths.
adj. capable of being discovered or identified

ANSWERS: 18. unreliable, 19. hepatitis, 20. innovation, 21. polymerase, 22. individual, 23. detected, 24. accuracy, 25. detectable

26. Considering the situation of _____ organized stopped this year's beer festival.
- n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
27. I need to apply _____ to the walls before painting them.
- n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied
28. This country _____ its weapons in the east region.
- v.* to move troops or weapons into a position or military action; to bring into something in an effective way
29. The findings of the experiment were both _____ and unexpected.
- adj.* causing a lot of interest or excitement
30. The _____ of the argument was well-presented.
- n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
31. The _____ on my bike broke, leaving me stranded.
- n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
32. She needs to _____ the interview recording to write the article for the magazine.
- v.* to copy or reproduce something in written or printed form; to translate spoken language into written text

ANSWERS: 26. coronavirus, 27. primer, 28. deployed, 29. exciting, 30. substance, 31. chain, 32. transcribe

33. Trial and error is an _____ part of education.

adj. indispensable; fundamental

34. She is still _____ from a shot to her shoulder.

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

35. The path to a solid online _____ necessitates a high technical ability.

n. the fact or state that someone or something exists, occurs, or is present

36. I heard several melodic _____ simultaneously.

n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore

37. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

38. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

39. 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

40. It is important to _____ safety procedures in the workplace to prevent accidents.

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 33. essential, 34. recovering, 35. presence, 36. strands, 37. absolutely, 38. specific, 39. genome, 40. observe

41. The _____ destroyed hundreds of homes and forced thousands of people to evacuate.
- n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
42. Blood _____ makes up about half of the volume of blood.
- n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
43. This device can more accurately detect _____ pathogens.
- adj.* relating to or caused by a virus
44. She _____ her hair purple for a change.
- v.* to color a textile or hair by immersing it in a colored liquid or substance
45. The report divided the data into _____ based on age, gender, and income level.
- n.* a part or section of something; a distinct group within a larger whole
46. 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
47. A deficiency in the _____ can lead to a medical condition.
- n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
48. The _____ vaccine development is regarded as one of the greatest medical achievements of the 20th century.
- n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

ANSWERS: 41. wildfire, 42. plasma, 43. viral, 44. dyed, 45. segments, 46. genetic, 47. enzyme, 48. polio

49. 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
50. To expand the company, we must ____ new human resources.
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
51. The office installed new _____ lighting to save energy.
- adj.* emitting or reflecting vibrant and vivid light, especially under ultraviolet light; describing a type of lamp or bulb that produces such light
52. During colonial eras, new migratory patterns _____.
- v.* to move out of or away from something and become visible
53. The new washing machine is much more _____ than the old one.
- adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
54. Tech companies often employ _____ ducts and other materials in their office interiors.
- adj.* having no protection or shield from something, such as bad weather, attack, or criticism
55. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 49. process, 50. tap, 51. fluorescent, 52. emerged, 53. efficient, 54. exposed, 55. device

56. NASA sent a _____ to study the atmosphere of Jupiter.

- n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

57. Vaccination is an effective way to build _____ against diseases.

- n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies

58. They fear a _____ of a new type of virus.

- n.* an outbreak of a disease that affects many people over a very wide area

59. The _____ pay increase was a nice surprise for the employees.

- adj.* taking effect from a date in the past rather than the present; applying to a prior period or event

60. Please _____ the news to the world.

- v.* to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.

61. The data _____ that the company's profits have steadily increased over the past quarter.

- v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

62. The software can _____ and decode encrypted messages.

- v.* to convert information into a code or format suitable for storage or transmission

63. An infected person in the hospital will likely pass the _____ to others.

- n.* a tiny infectious organic material that causes disease in people, animals, and plants

ANSWERS: 56. probe, 57. immunity, 58. pandemic, 59. retroactive, 60. relay, 61. indicates, 62. encode, 63. virus

64. The new service helped _____ net income by 10%.
- v. to improve, raise, or increase something
65. I will introduce you to how to _____ the leading causes of the malfunction.
- v. to recognize someone or something and say or prove who or what they are
66. We must _____ a new system to streamline our workflow and increase efficiency.
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
67. The two art pieces were hung on opposite walls and acted as _____ elements in the room's decor.
- adj. serving to complete or enhance something in a way that is suitable or pleasing
68. Proper disposal of _____ is essential for maintaining public health and sanitation.
- n. waste matter eliminated from the bowels; excrement
69. The _____ theory still needs to be reviewed by experts in the field.
- adj. not yet tried or proven; lacking in experience or verification; not yet subjected to a test or trial
70. This pharmaceutical company is developing _____ drugs with fewer side effects.
- n. a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
71. Sensors convert physical phenomena into _____ signals.
- adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 64. boost, 65. identify, 66. develop, 67. complementary, 68. feces, 69. untested, 70. antibody, 71. digital

72. The _____ airport runways may accommodate larger jets.

adj. longer than usual or anticipated

73. 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

74. The pharmaceutical industry uses the _____ technique to develop new drugs.

n. a laboratory technique used to identify or quantify a specific substance, such as a hormone or drug, by detecting and measuring the immune response it produces in the body

75. The fan _____ the air in the room quickly.

v. to move continuously or freely around a place or closed system

76. In southward, the average annual water _____ increases.

n. the amount or number of something; magnitude

77. The _____ of the green dye made it easy to see the bacteria under the microscope.

n. the property of certain substances to absorb light at one wavelength and emit light at a longer wavelength, often producing a visible glow or color change; the visible light or color change resulting from this process

78. Hospitals must meet various standards to prevent nosocomial _____.

n. a condition in which pathogenic microorganisms or viruses have entered the body

ANSWERS: 72. extended, 73. diagnose, 74. immunoassay, 75. circulates, 76. quantity, 77. fluorescence, 78. infections