

Englist.me



Vocabulary Builder Reference from...

Diane Kelly: What we didn't know about penis anatomy | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

phrase

n. a group of words that mean something specific when used together

synonym: expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

clinician

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

synonym: psychiatrist, therapist, doctor

(1) experienced **clinician**, (2) from a **clinician's** perspective

Some **clinicians** believe that psychological characteristics alone may cause mental disorders.

comparative

adj. relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast

synonym: relative, approximate, correlative

(1) **comparative** viewpoint, (2) **comparative** analysis

The **comparative** study of different cultures is fascinating and informative.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

anatomy

n. the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse

The professor explained the **anatomy** of the nervous system.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

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.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

esoteric

adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest

synonym : abstruse, recondite, arcane

(1) an **esoteric** religion, (2) **esoteric** tome

The book's content was so **esoteric** only a select few scholars could fully understand it.

ivory

n. a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items

synonym : elephant tusk, bone, tooth

(1) tower of **ivory**, (2) **ivory** carving

The intricate carvings on the **ivory** tusk were a work of art.

tower

n. a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone

synonym : building, belfry, edifice

(1) a bell **tower**, (2) the **tower** on a cliff

She is a **tower** of strength for our team in trouble.

broad

adj. very wide; general

synonym : wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

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**.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage
X-rays revealed a small tumor in his **brain**.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

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.

transfer

v. to move, pass, or change from one person, place, or situation to another

synonym: move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

sperm

n. the reproductive cell produced by a man or male animal
synonym: seed, semen, seminal fluid

(1) man with a low **sperm** count, (2) production of **sperm**
The male **sperm** fertilizes the female egg.

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.

slide

v. to move or cause to move smoothly along a surface without interruption

synonym: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance
If necessary, you can **slide** the front seats forward.

scratch

v. to cut or damage the surface of something or the skin with a sharp or pointed object

synonym: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature
Don't **scratch** your mosquito bites.

widespread

adj. existing or happening in various places or among many people

synonym: across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war
In medieval times, death punishment was **widespread** and socially accepted.

enormous

adj. extremely large or great

synonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential
Shakespeare's output of poetry was **enormous**.

anatomical

adj. of or relating to the structure of the body and its parts

synonym : physical, bodily, structural

(1) **anatomical** structure, (2) **anatomical** elements

The **anatomical** model of the human body was used to teach medical students.

variation

n. the act or state of changing; a difference or change in the way something is done, made or said

synonym : fluctuation, change, variation

(1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

muscular

adj. of or relating to the muscles; having or suggesting great physical power or force

synonym : powerful, athletic, brawny

(1) a **muscular** person, (2) **muscular** contraction

She worked hard to treat her **muscular** dystrophy.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym : pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

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.

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym : flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

flesh

n. the soft substance composing the body of a person or animal, as opposed to bones and other structures

synonym: meat, muscle, tissue

(1) grow in **flesh**, (2) **flesh** eating

The **flesh** of the fruit is sweet and juicy.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

cylinder

n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this

(1) a six- **cylinder** engine, (2) a ventilation **cylinder**

The gas was trapped inside the **cylinders** under high pressure.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

zygote

n. the initial stage of development in a fertilized egg, resulting from the fusion of a sperm cell and an egg cell in sexual reproduction

synonym: fertilized egg, embryo, conceptus

(1) **zygote** development, (2) **zygote** stage

A fertilized **zygote** marks the beginning of a new life as it is the first cell of a new organism.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

fertilization

n. the process of joining a sperm and an egg to produce an embryo

synonym: impregnation, pollination, insemination

(1) **fertilization** process, (2) artificial **fertilization**

The **fertilization** of the soil allowed for a bountiful harvest.

skeleton

n. the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

synonym: bones, frame, structure

(1) the steel **skeleton** of a building, (2) **skeleton** hand

Scientists studied the ancient **skeleton** to learn more about the creature's anatomy.

stiff

adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

synonym: rigid, inflexible, unbending

(1) **stiff** muscles, (2) **stiff** penalty

Her body felt **stiff** after sitting at her desk for hours without moving.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym: lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

foray

n. a sudden or brief attack or incursion; a venture into something unfamiliar or challenging

synonym: raid, attack, incursion

(1) make a quick **foray**, (2) **foray** into politics

The company made a **foray** into the Chinese market.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

paleontology

n. the study of fossils and the history of life on Earth

synonym: fossilology, prehistoric biology

(1) vertebrate **paleontology**, (2) **paleontology** museum

My interest in **paleontology** research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.

undergraduate

n. a student who is studying for their first degree at a university or other higher education institution

synonym: college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course

The class was composed of both **undergraduate** and graduate students.

squarely

adv. directly and firmly; in a square shape

synonym: honestly, justly, straightforwardly

(1) look **squarely** at reality, (2) a **squarely** cut piece of paper

We must **squarely** address the problem.

realm

n. a domain of activity, interest, or knowledge

synonym: domain, empire, kingdom

(1) public **realm**, (2) beyond the **realm** of possibility

Her passions are in the **realm** of real-world political affairs.

graduate

n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym: alumna, alum, grad

(1) **graduate** degree program, (2) honor **graduate**
Many employers hire **graduate** trainees to train as managers.

biomechanics

n. the study and application of mechanical principles to biological systems, especially as related to human movement and the physical performance of athletes and performers

(1) **biomechanics** of movement, (2) **biomechanics** research

The study of **biomechanics** is important in understanding the physical implications of movement and sports performance.

dissertation

n. a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification

synonym: essay, treatise, paper

(1) **dissertation** research, (2) doctoral **dissertation**

My **dissertation** topic focuses on the impact of social media on mental health.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

skeletal

adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

synonym: bony, emaciated, gaunt

(1) **skeletal** system, (2) **skeletal** muscles

The older man was skinny and **skeletal** and not in good health.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

odd

adj. strange or unexpected; not divisible by two

synonym : strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym : machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

fashion

n. a style that is popular at a particular time or place; the state of being popular

synonym : style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym : adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

rigid

adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

synonym : strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

reproductive

adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants

synonym: procreative, generative

(1) **reproductive** ability, (2) during **reproductive** period

This documentary deals with the **reproductive** biology of the buffalo.

offspring

n. descendant; any immature animal or plant

synonym: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

functional

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

synonym: applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

earthworm

n. a common type of worm that lives in soil

synonym: angleworm, wiggler, crawler

(1) **earthworm** type robot, (2) trample an **earthworm**

We fed the birds daily with insects and **earthworms**.

drape

v. to arrange or hang cloth or clothing loosely over something, typically in a decorative way; to cover or decorate loosely with material

synonym: cover, hang, arrange

(1) **drape** a coat, (2) **drape** a curtain

She **draped** a shawl over her shoulders to keep warm.

reinforce

v. to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

synonym: strengthen, fortify, support

(1) **reinforce** the military, (2) **reinforce** good behavior

We should **reinforce** the troops at the front line.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym: aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

hydrostatics

n. a branch of physics that deals with the mechanical properties and behavior of fluids at rest, particularly with the principles of pressure, buoyancy, and equilibrium in fluids

synonym: fluid mechanics, hydrodynamics

(1) **hydrostatics** principles, (2) **hydrostatics** equation

The principles of **hydrostatics** are essential in the design of submarines.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

surrounding

adj. that is near or around, or closely encircling something

synonym: circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

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.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace
On three sides, mountains **surround** the settlement.

puddle

n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

synonym: pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

rag

n. a piece of cloth, especially an old one, torn or cut into strips and used for cleaning

synonym: cloth, fragment

(1) a **rag** of cloud, (2) **rag** doll

He used an old **rag** to clean the grease off the car's engine.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

hallmark

n. a distinctive characteristic or attribute of a person or thing

synonym: symbol, authentication, indication

(1) the **hallmark** of a good scientist, (2) the **hallmark** of modern life

A clear and simple expression is the **hallmark** of good writing.

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

erectile

adj. characterized by the ability to become physically erect, particularly in sexual function

synonym: raised, standing, cavernous

(1) **erectile** dysfunction, (2) **erectile** tissues

The drug was found to have significant **erectile** side effects in clinical trials.

structural

adj. associated with the way on construction or organization of anything

synonym: architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization

The earthquake resulted in significant **structural** destruction.

collagen

n. a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

synonym: gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production

Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

erect

v. to construct or build something; to cause to rise; (adjective) upright or vertical

synonym: build, set up, construct

(1) **erect** structure, (2) keep the flagpole **erect**

The workers were able to **erect** the tent in just a few minutes.

expansion

n. the process of becoming larger or more extensive, or the result of this process

synonym: growth, enlargement, development

(1) industrial **expansion**, (2) **expansion** project

The company is undergoing an **expansion**, opening new locations in several states.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

adviser

n. a person who gives advice about a particular subject

synonym: consultant, guide, expert

(1) a medical **adviser**, (2) chief **adviser**

After retiring, he continued to be an **adviser** to politicians.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

trap

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal

The enemy fell right into the **trap**.

embarrass

v. to cause someone to feel awkward, worried, or ashamed

synonym: disconcert, unsettle, agitate

(1) **embarrass** political enemy, (2) **embarrass** my project
He looked for an opportunity to **embarrass** that actor in public.

arrange

v. to plan, prepare for, and carry out something

synonym: set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

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**.

axis

n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

synonym: central, core, pole

(1) vertical **axis**, (2) a coordinate **axis**

The earth's **axis** of rotation is tilted 66.5 degrees to the ecliptic plane.

arrow

n. a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow

synonym: shaft, dart, projectile

(1) **arrow** pointing, (2) **arrow** diagram

The archer aimed his **arrow** carefully at the target.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

wrap

v. to cover or enclose something entirely with paper, cloth, or other material

synonym : surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

Wrap the bandage tightly around the injured arm.

inflated

adj. swollen or blown up, especially with air or gas; excessively or unreasonably high

synonym : enlarged, swollen, distended

(1) **inflated** prices, (2) an **inflated** balloon

The athlete's ego became **inflated** by their success.

bias

n. a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

synonym : inclination, partiality, predilection

(1) **bias** against a big company, (2) have a **bias** toward socialism

She researched gender **bias** in politics.

reorient

v. to change the focus, position, or direction of someone or something

synonym : reconstruct, reorganize

(1) **reorient** my thinking, (2) **reorient** the receiving antenna

Making a sharp noise will quickly **reorient** children's thoughts to the present.

external

adj. belonging to or situated outside of someone or something

synonym : outside, exterior, foreign

(1) **external** factors, (2) **external** commerce

When a company discloses information to the market, an

external auditor verifies them.

penis

n. the male sexual organ; a reproductive organ involved in sexual intercourse and urination in males

synonym: phallus, member, organ

(1) human **penis**, (2) **penis** enlargement

The doctor examined the patient's **penis** during the routine check-up.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

wiggle

v. to move or cause to move up and down or from side to side in short and quick movements

synonym: wiggle, jiggle, squirm

(1) **wiggle** her lips, (2) **wiggle** with excitement

Her hips **wiggle** as she walks.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

orientation

n. a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment

synonym : direction, introduction, frontage

(1) sexual **orientation**, (2) the school **orientation**

There will be an **orientation** lecture for new students this afternoon.

cotton

n. a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

(1) **cotton** cloth, (2) culture of **cotton**

The price of raw **cotton** continued to rise.

resist

v. to refuse to accept something and attempt to prevent it from happening

synonym : fight, defy, revolt

(1) **resist** temptation, (2) **resist** being kissed

I chose to **resist** cancer by trying every possible treatment.

extension

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

synonym : addition, augment, supplement

(1) time **extension**, (2) telephone **extension**

They are building an **extension** to the house to add more bedrooms.

contraction

n. the act or process of becoming smaller or shorter in size, volume, or amount

synonym : shrinking, compression, reduction

(1) **contraction** of a disease, (2) **contraction** in the industry

The **contraction** of the economy has led to job losses.

vascular

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

synonym : circulatory, cardiovascular, arterial

(1) **vascular** disease, (2) **vascular** surgery

The doctor detected a blockage in the patient's **vascular** system.

integral

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

synonym : essential, fundamental, indispensable

(1) **integral** function, (2) **integral** component

Effective communication is an **integral** part of any successful team.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

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.

relevance

n. the state or degree of being closely connected or appropriate to the matter at hand

synonym : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

prosthetic

adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

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**.

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.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

invertebrate

n. a class of animals that do not have a backbone; they include insects, worms, and mollusks

synonym: animal, mollusk, worm

(1) **invertebrate** species, (2) study of **invertebrates**

Many species of marine **invertebrates**, such as corals and sponges, are important components of ocean ecosystems.

lurk

v. to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal

synonym: hide, creep, stalk

(1) **lurked** behind the words, (2) **lurk** in the darkness

In the city, the risk of traffic accidents **lurks** at every corner.

Session 2: Spelling

1. a dr____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
2. wi___e her lips *v.* to move or cause to move up and down or from side to side in short and quick movements
3. en____us potential *adj.* extremely large or great
4. fer_____ion process *n.* the process of joining a sperm and an egg to produce an embryo
5. fo__y into politics *n.* a sudden or brief attack or incursion; a venture into something unfamiliar or challenging
6. make dr____ic changes *adj.* very sudden, very excellent, or full of action and excitement
7. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
8. produce of_____ng *n.* descendant; any immature animal or plant
9. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
10. ar__w pointing *n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
11. artificial fer_____ion *n.* the process of joining a sperm and an egg to produce an embryo

ANSWERS: 1. dramatic, 2. wiggle, 3. enormous, 4. fertilization, 5. foray, 6. dramatic, 7. brain, 8. offspring, 9. undergraduate, 10. arrow, 11. fertilization

12. during rep_____ive period *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
13. bio_____ics of movement *n.* the study and application of mechanical principles to biological systems, especially as related to human movement and the physical performance of athletes and performers
14. w__p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
15. I__ked behind the words *v.* to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal
16. a mu_____ar person *adj.* of or relating to the muscles; having or suggesting great physical power or force
17. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
18. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
19. rep_____ive ability *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
20. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

ANSWERS: 12. reproductive, 13. biomechanics, 14. wrap, 15. lurk, 16. muscular, 17. disease, 18. biology, 19. reproductive, 20. molecular

21. va____ar disease *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
22. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
23. con_____on of a disease *n.* the act or process of becoming smaller or shorter in size, volume, or amount
24. re___t being kissed *v.* to refuse to accept something and attempt to prevent it from happening
25. share my in____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
26. make a quick fo__y *n.* a sudden or brief attack or incursion; a venture into something unfamiliar or challenging
27. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
28. vertical a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

ANSWERS: 21. vascular, 22. function, 23. contraction, 24. resist, 25. insight, 26. foray, 27. lever, 28. axis

29. the steel sk_____on of a building *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
30. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
31. ar_____e the meeting *v.* to plan, prepare for, and carry out something
32. o_d behavior *adj.* strange or unexpected; not divisible by two
33. ob_____s reasons *adj.* easy to see, discover or understand
34. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
35. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
36. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
37. an_____y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
38. r_g doll *n.* a piece of cloth, especially an old one, torn or cut into strips and used for cleaning
39. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance

ANSWERS: 29. skeleton, 30. medical, 31. arrange, 32. odd, 33. obvious, 34. sect, 35. aft, 36. demonstrate, 37. anatomy, 38. rag, 39. expand

40. attract br__d attention *adj.* very wide; general
41. cr____l information *adj.* extremely vital or necessary
42. re_____ce the military *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
43. gr____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
44. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
45. go out of fa____n *n.* a style that is popular at a particular time or place; the state of being popular
46. but mo_____er, they work well together *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
47. sc____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
48. telephone ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
49. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 40. broad, 41. crucial, 42. reinforce, 43. graduate, 44. interaction, 45. fashion, 46. moreover, 47. scratch, 48. extension, 49. insight

50. er__t structure *v.* to construct or build something; to cause to rise; (adjective) upright or vertical
51. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
52. human pe__s *n.* the male sexual organ; a reproductive organ involved in sexual intercourse and urination in males
53. a r_g of cloud *n.* a piece of cloth, especially an old one, torn or cut into strips and used for cleaning
54. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
55. a br__d mind *adj.* very wide; general
56. hyd_____ics principles *n.* a branch of physics that deals with the mechanical properties and behavior of fluids at rest, particularly with the principles of pressure, buoyancy, and equilibrium in fluids
57. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
58. in_____al organs *adj.* of or relating to the inside of something
59. production of sp__m *n.* the reproductive cell produced by a man or male animal
60. a medical ad_____r *n.* a person who gives advice about a particular subject
61. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 50. erect, 51. fundamental, 52. penis, 53. rag, 54. slide, 55. broad, 56. hydrostatics, 57. bunch, 58. internal, 59. sperm, 60. adviser, 61. argue

62. st__f muscles *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
63. in____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
64. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
65. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
66. zy___e development *n.* the initial stage of development in a fertilized egg, resulting from the fusion of a sperm cell and an egg cell in sexual reproduction
67. the in____al economy *adj.* of or relating to the inside of something
68. obs_____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
69. ba____n into a severe political problem *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
70. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
71. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
72. ri__d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending

ANSWERS: 62. stiff, 63. inflate, 64. evolve, 65. contribute, 66. zygote, 67. internal, 68. observation, 69. balloon, 70. mechanical, 71. biology, 72. rigid

73. the to__r on a cliff *n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
74. dr__e a curtain *v.* to arrange or hang cloth or clothing loosely over something, typically in a decorative way; to cover or decorate loosely with material
75. have a b__s toward socialism *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
76. 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
77. ind____al freedom *n.* a single person or thing, as distinct from a group
78. l__k in the darkness *v.* to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal
79. a cr____l issue for women *adj.* extremely vital or necessary
80. field of fun____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
81. pu___e of water *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
82. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 73. tower, 74. drape, 75. bias, 76. protein, 77. individual, 78. lurk, 79. crucial, 80. functional, 81. puddle, 82. degree

83. an es____ic religion *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest
84. w__p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
85. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
86. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
87. re_____ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
88. com_____ve viewpoint *adj.* relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast
89. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
90. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
91. chief ad_____r *n.* a person who gives advice about a particular subject

ANSWERS: 83. esoteric, 84. wrap, 85. variation, 86. stick, 87. relevance, 88. comparative, 89. degree, 90. transmit, 91. adviser

92. female of_____ng *n.* descendant; any immature animal or plant
93. a private ind_____al *n.* a single person or thing, as distinct from a group
94. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
95. re_____ce good behavior *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
96. ri__d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
97. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
98. plenty of fl__ds *n.* a substance that can flow and is not solid
99. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
100. a bell to__r *n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
101. grow in fl__h *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures

ANSWERS: 92. offspring, 93. individual, 94. fundamental, 95. reinforce, 96. rigid, 97. evolve, 98. fluid, 99. stick, 100. tower, 101. flesh

102. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
103. co_____en production *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
104. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
105. em_____ss my project *v.* to cause someone to feel awkward, worried, or ashamed
106. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
107. re_____nt my thinking *v.* to change the focus, position, or direction of someone or something
108. a facial ti_____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
109. sexual ori_____on *n.* a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
110. n__m of action *n.* something that is regarded as usual, typical, or standard
111. com_____ve analysis *adj.* relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast

ANSWERS: 102. tremendous, 103. collagen, 104. dinosaur, 105. embarrass, 106. flexible, 107. reorient, 108. tissue, 109. orientation, 110. norm, 111. comparative

112. dr__e a coat *v.* to arrange or hang cloth or clothing loosely over something, typically in a decorative way; to cover or decorate loosely with material
113. a coordinate a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
114. pe__s enlargement *n.* the male sexual organ; a reproductive organ involved in sexual intercourse and urination in males
115. animal an____y *n.* the scientific study that deals with the physical structure of humans, animals, or plants
116. look sq____ly at reality *adv.* directly and firmly; in a square shape
117. zy____e stage *n.* the initial stage of development in a fertilized egg, resulting from the fusion of a sperm cell and an egg cell in sexual reproduction
118. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
119. keep the flagpole er__t *v.* to construct or build something; to cause to rise; (adjective) upright or vertical
120. inv____ate species *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
121. dis____ion research *n.* a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification

ANSWERS: 112. drape, 113. axis, 114. penis, 115. anatomy, 116. squarely, 117. zygote, 118. warn, 119. erect, 120. invertebrate, 121. dissertation

122. 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
123. tower of iv__y *n.* a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
124. co___n cloth *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
125. he__x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
126. iv__y carving *n.* a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
127. time ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
128. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 122. structure, 123. ivory, 124. cotton, 125. helix, 126. ivory, 127. extension, 128. brain

129. synthetic fi__r	<i>n.</i> thread or filament used to make a vegetable tissue, mineral material, or textile
130. fl__h eating	<i>n.</i> the soft substance composing the body of a person or animal, as opposed to bones and other structures
131. wi___e with excitement	<i>v.</i> to move or cause to move up and down or from side to side in short and quick movements
132. in an o_d way	<i>adj.</i> strange or unexpected; not divisible by two
133. tre_____us amount	<i>adj.</i> very great in degree or extent or amount or impact; extremely good
134. fl_____le schedules	<i>adj.</i> able to change or be changed to suit new conditions or situations; able to bend easily
135. ex_____al factors	<i>adj.</i> belonging to or situated outside of someone or something
136. alpha he__x	<i>n.</i> a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
137. class obs_____on day	<i>n.</i> the act or activity of carefully examining or monitoring something or someone
138. new fa_____n trends	<i>n.</i> a style that is popular at a particular time or place; the state of being popular
139. ea_____rm type robot	<i>n.</i> a common type of worm that lives in soil
140. a mec_____al style of writing	<i>adj.</i> operated by a machine, relating to or concerned with machinery or tools

ANSWERS: 129. fiber, 130. flesh, 131. wiggle, 132. odd, 133. tremendous, 134. flexible, 135. external, 136. helix, 137. observation, 138. fashion, 139. earthworm, 140. mechanical

141. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
142. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
143. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
144. bio_____ics research *n.* the study and application of mechanical principles to biological systems, especially as related to human movement and the physical performance of athletes and performers
145. sk_____al system *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
146. tr_____er power *v.* to move, pass, or change from one person, place, or situation to another
147. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
148. the ha_____rk of a good scientist *n.* a distinctive characteristic or attribute of a person or thing

ANSWERS: 141. function, 142. tube, 143. mechanism, 144. biomechanics, 145. skeletal, 146. transfer, 147. implication, 148. hallmark

149. con_____te a large sum of money
to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
150. the school ori_____on *n.* a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
151. ana_____al structure *adj.* of or relating to the structure of the body and its parts
152. vertebrate pal_____ogy *n.* the study of fossils and the history of life on Earth
153. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
154. en_____us amount *adj.* extremely large or great
155. sur_____ng areas *adj.* that is near or around, or closely encircling something
156. a stone wall su_____nds the palace *v.* to be all around something or somebody
157. es_____ic tome *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest
158. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
159. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 149. contribute, 150. orientation, 151. anatomical, 152. paleontology, 153. microscope, 154. enormous, 155. surrounding, 156. surround, 157. esoteric, 158. molecular, 159. transmit

160. the list was ar____ed alphabetically *v.* to plan, prepare for, and carry out something
161. ana_____al elements *adj.* of or relating to the structure of the body and its parts
162. man with a low sp__m count *n.* the reproductive cell produced by a man or male animal
163. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
164. su_____nd a town *v.* to be all around something or somebody
165. hyd_____ics equation *n.* a branch of physics that deals with the mechanical properties and behavior of fluids at rest, particularly with the principles of pressure, buoyancy, and equilibrium in fluids
166. va_____ar surgery *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
167. doctoral dis_____ion *n.* a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification
168. 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

ANSWERS: 160. arrange, 161. anatomical, 162. sperm, 163. theoretical, 164. surround, 165. hydrostatics, 166. vascular, 167. dissertation, 168. protein

169. tr_____er a file *v.* to move, pass, or change from one person, place, or situation to another
170. sk_____on hand *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
171. em_____ss political enemy *v.* to cause someone to feel awkward, worried, or ashamed
172. have pro_____ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
173. the_____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
174. experienced cl_____an *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
175. mo_____er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
176. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
177. ex_____al commerce *adj.* belonging to or situated outside of someone or something
178. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 169. transfer, 170. skeleton, 171. embarrass, 172. prosthetic, 173. theoretical, 174. clinician, 175. moreover, 176. genetics, 177. external, 178. mechanism

179. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
180. 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
181. ba_____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
182. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
183. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
184. str_____al reorganization *adj.* associated with the way on construction or organization of anything
185. re_____nt the receiving antenna *v.* to change the focus, position, or direction of someone or something
186. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
187. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
188. er_____le dysfunction *adj.* characterized by the ability to become physically erect, particularly in sexual function

ANSWERS: 179. expand, 180. structure, 181. balloon, 182. aft, 183. implication, 184. structural, 185. reorient, 186. functional, 187. dinosaur, 188. erectile

189. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
190. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
191. noun ph___e *n.* a group of words that mean something specific when used together
192. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
193. con_____on in the industry *n.* the act or process of becoming smaller or shorter in size, volume, or amount
194. 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
195. metallic sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
196. ready-made ph___es *n.* a group of words that mean something specific when used together
197. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
198. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption

ANSWERS: 189. lever, 190. genetics, 191. phrase, 192. fin, 193. contraction, 194. modify, 195. sponge, 196. phrase, 197. warn, 198. slide

199. er____le tissues *adj.* characterized by the ability to become physically erect, particularly in sexual function
200. a f_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
201. culture of co____n *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
202. wid_____ad fear of nuclear war *adj.* existing or happening in various places or among many people
203. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
204. ar__w diagram *n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
205. str_____al analyses *adj.* associated with the way on construction or organization of anything
206. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
207. from a cl_____an's perspective *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
208. b__s against a big company *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

ANSWERS: 199. erectile, 200. fin, 201. cotton, 202. widespread, 203. scratch, 204. arrow, 205. structural, 206. trap, 207. clinician, 208. bias

209. 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
210. a six-cy_____er engine *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
211. his conclusion was ob_____s *adj.* easy to see, discover or understand
212. fl__d assets *n.* a substance that can flow and is not solid
213. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
214. pro_____ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
215. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
216. study of inv_____ates *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
217. trample an ea_____rm *n.* a common type of worm that lives in soil
218. cultural n__m *n.* something that is regarded as usual, typical, or standard
219. public re__m *n.* a domain of activity, interest, or knowledge
220. the ha_____rk of modern life *n.* a distinctive characteristic or attribute of a person or thing

ANSWERS: 209. modify, 210. cylinder, 211. obvious, 212. fluid, 213. variation, 214. prosthetic, 215. surrounding, 216. invertebrate, 217. earthworm, 218. norm, 219. realm, 220. hallmark

221. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
222. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
223. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
224. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
225. honor gr_____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
226. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
227. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
228. industrial ex_____on *n.* the process of becoming larger or more extensive, or the result of this process
229. in_____al function *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

ANSWERS: 221. inflate, 222. tube, 223. interaction, 224. disease, 225. graduate, 226. tissue, 227. demonstrate, 228. expansion, 229. integral

230. a sq____ly cut piece of paper *adv.* directly and firmly; in a square shape
231. a me____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
232. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
233. in____al component *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
234. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
235. beyond the re__m of possibility *n.* a domain of activity, interest, or knowledge
236. sea sp____e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
237. step in a pu____e *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
238. st__f penalty *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

ANSWERS: 230. squarely, 231. medical, 232. microscope, 233. integral, 234. sect, 235. realm, 236. sponge, 237. puddle, 238. stiff

239. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
240. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
241. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
242. an in_____ed balloon *adj.* swollen or blown up, especially with air or gas; excessively or unreasonably high
243. a ventilation cy_____er *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
244. pal_____ogy museum *n.* the study of fossils and the history of life on Earth
245. sk_____al muscles *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
246. in_____ed prices *adj.* swollen or blown up, especially with air or gas; excessively or unreasonably high
247. have no re_____ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
248. wid_____ad use *adj.* existing or happening in various places or among many people

ANSWERS: 239. fiber, 240. argue, 241. trap, 242. inflated, 243. cylinder, 244. paleontology, 245. skeletal, 246. inflated, 247. relevance, 248. widespread

249. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution
250. re___t temptation *v.* to refuse to accept something and attempt to prevent it from happening
251. mu_____ar contraction *adj.* of or relating to the muscles; having or suggesting great physical power or force
252. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
253. co_____en supplement *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
254. ex_____on project *n.* the process of becoming larger or more extensive, or the result of this process

ANSWERS: 249. undergraduate, 250. resist, 251. muscular, 252. bunch, 253. collagen, 254. expansion

Session 3: Fill in the Blanks

1. When a company discloses information to the market, an _____ auditor verifies them.
adj. belonging to or situated outside of someone or something
2. The older man was skinny and _____ and not in good health.
adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
3. She is a _____ of strength for our team in trouble.
n. a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
4. How many _____ does the average lion have?
n. descendant; any immature animal or plant
5. We must consume dietary _____ to maintain good health.
n. thread or filament used to make a vegetable tissue, mineral material, or textile
6. I used an optical _____ to observe the small organisms in the water sample.
n. an instrument used to see objects or substances that are too small to be seen with the naked eye
7. The _____ of the soil allowed for a bountiful harvest.
n. the process of joining a sperm and an egg to produce an embryo
8. You can be more _____ and creative in your approach.
adj. able to change or be changed to suit new conditions or situations; able to bend easily

ANSWERS: 1. external, 2. skeletal, 3. tower, 4. offspring, 5. fiber, 6. microscope, 7. fertilization, 8. flexible

9. He was unpopular because of his _____ adherence to the rules.
adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending
10. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
11. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
12. The price of raw _____ continued to rise.
n. a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
13. Many employers hire _____ trainees to train as managers.
n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
14. We fed the birds daily with insects and _____.
n. a common type of worm that lives in soil
15. The gas was trapped inside the _____ under high pressure.
n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
16. I attempted to _____ him, but he ignored me.
v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

ANSWERS: 9. rigid, 10. disease, 11. evolved, 12. cotton, 13. graduate, 14. earthworms, 15. cylinders, 16. warn

17. The mobile phone was still _____ even after being dropped.

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

18. The enemy fell right into the _____.

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

19. Her hips _____ as she walks.

v. to move or cause to move up and down or from side to side in short and quick movements

20. I need to _____ plans with him for the celebration.

v. to plan, prepare for, and carry out something

21. The _____ study of different cultures is fascinating and informative.

adj. relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast

22. 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

23. You _____ a bill in the change machine, and the coins pop out.

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

24. The athlete's ego became _____ by their success.

adj. swollen or blown up, especially with air or gas; excessively or unreasonably high

ANSWERS: 17. functional, 18. trap, 19. wiggle, 20. arrange, 21. comparative, 22. protein, 23. stick, 24. inflated

25. The shark's powerful _____ allowed it to swim at high speeds.

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

26. The drug was found to have significant _____ side effects in clinical trials.

adj. characterized by the ability to become physically erect, particularly in sexual function

27. The _____ model of the human body was used to teach medical students.

adj. of or relating to the structure of the body and its parts

28. She worked hard to treat her _____ dystrophy.

adj. of or relating to the muscles; having or suggesting great physical power or force

29. There is a lot of _____ in the colors of flowers in the garden.

n. the act or state of changing; a difference or change in the way something is done, made or said

30. The company is undergoing an _____ opening new locations in several states.

n. the process of becoming larger or more extensive, or the result of this process

31. X-rays revealed a small tumor in his _____.

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

32. The earth's _____ of rotation is tilted 66.5 degrees to the ecliptic plane.

n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

ANSWERS: 25. fins, 26. erectile, 27. anatomical, 28. muscular, 29. variation, 30. expansion, 31. brain, 32. axis

33. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
34. She was diagnosed with a _____ buildup in her lungs.
n. a substance that can flow and is not solid
35. 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
36. Making a sharp noise will quickly _____ children's thoughts to the present.
v. to change the focus, position, or direction of someone or something
37. A _____ engineer is still in demand in many companies.
adj. operated by a machine, relating to or concerned with machinery or tools
38. Her body felt _____ after sitting at her desk for hours without moving.
adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
39. The male _____ fertilizes the female egg.
n. the reproductive cell produced by a man or male animal
40. The professor explained the _____ of the nervous system.
n. the scientific study that deals with the physical structure of humans, animals, or plants
41. The rain had formed a large _____ on the sidewalk.
n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

ANSWERS: 33. mechanisms, 34. fluid, 35. structure, 36. reorient, 37. mechanical, 38. stiff, 39. sperm, 40. anatomy, 41. puddle

42. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
43. She _____ the money from her savings account to her checking account.
v. to move, pass, or change from one person, place, or situation to another
44. Don't _____ your mosquito bites.
v. to cut or damage the surface of something or the skin with a sharp or pointed object
45. Absolute zero is the lowest _____ temperature.
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
46. The company made a _____ into the Chinese market.
n. a sudden or brief attack or incursion; a venture into something unfamiliar or challenging
47. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
48. He used an old ____ to clean the grease off the car's engine.
n. a piece of cloth, especially an old one, torn or cut into strips and used for cleaning
49. If necessary, you can _____ the front seats forward.
v. to move or cause to move smoothly along a surface without interruption

ANSWERS: 42. degree, 43. transferred, 44. scratch, 45. theoretical, 46. foray, 47. norms, 48. rag, 49. slide

50. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together
51. We bought a Spanish _____ book.
- n.* a group of words that mean something specific when used together
52. He accumulated wealth across a _____ spectrum of assets.
- adj.* very wide; general
53. I chose to _____ cancer by trying every possible treatment.
- v.* to refuse to accept something and attempt to prevent it from happening
54. She _____ a shawl over her shoulders to keep warm.
- v.* to arrange or hang cloth or clothing loosely over something, typically in a decorative way; to cover or decorate loosely with material
55. That style is no longer in _____.
- n.* a style that is popular at a particular time or place; the state of being popular
56. His poem has a very significant _____.
- n.* something that is inferred or indirectly stated; the act or fact of being involved in something
57. Her passions are in the _____ of real-world political affairs.
- n.* a domain of activity, interest, or knowledge
58. After retiring, he continued to be an _____ to politicians.
- n.* a person who gives advice about a particular subject

ANSWERS: 50. bunch, 51. phrase, 52. broad, 53. resist, 54. draped, 55. fashion, 56. implication, 57. realm, 58. adviser

59. Some _____ believe that psychological characteristics alone may cause mental disorders.
- n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
60. The ___ section of the ship suffered significant damage after the collision with the reef.
- adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
61. A fertilized _____ marks the beginning of a new life as it is the first cell of a new organism.
- n.* the initial stage of development in a fertilized egg, resulting from the fusion of a sperm cell and an egg cell in sexual reproduction
62. This documentary deals with the _____ biology of the buffalo.
- adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
63. 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
64. In medieval times, death punishment was _____ and socially accepted.
- adj.* existing or happening in various places or among many people
65. On three sides, mountains _____ the settlement.
- v.* to be all around something or somebody
66. 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

ANSWERS: 59. clinicians, 60. aft, 61. zygote, 62. reproductive, 63. helix, 64. widespread, 65. surround, 66. individual,

67. Government workers cannot _____ to political campaigns.
v. to give something, especially money or goods, to provide or achieve something together with other people
68. A clear and simple expression is the _____ of good writing.
n. a distinctive characteristic or attribute of a person or thing
69. This initiative will be a _____ for increasing company sales.
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
70. The earthquake resulted in significant _____ destruction.
adj. associated with the way on construction or organization of anything
71. The discovery of a new _____ species made headlines in the scientific community.
n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
72. The class was composed of both _____ and graduate students.
n. a student who is studying for their first degree at a university or other higher education institution
73. We gained various _____ by analyzing the vast amount of data owned by the company.
n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
74. How can you _____ that the earth is a sphere?
v. to display something or give an exhibition to an interested audience

ANSWERS: 67. contribute, 68. hallmark, 69. lever, 70. structural, 71. dinosaur, 72. undergraduate, 73. insights, 74. demonstrate

75. She researched gender _____ in politics.

- n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

76. His grandfather was an _____ man.

- adj.* strange or unexpected; not divisible by two

77. In the hospital, she will remain under constant _____.

- n.* the act or activity of carefully examining or monitoring something or someone

78. New _____ joints are less prone to metal poisoning.

- adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

79. Human behavior has _____ characteristics.

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

80. She _____ the balloons for the party.

- v.* to fill something with air or gas so that it becomes bigger and rounder

81. Many species of marine _____ such as corals and sponges, are important components of ocean ecosystems.

- n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks

82. We should _____ the troops at the front line.

- v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

ANSWERS: 75. bias, 76. odd, 77. observation, 78. prosthetic, 79. fundamental, 80. inflated, 81. invertebrates, 82. reinforce

83. The archer aimed his _____ carefully at the target.
n. a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
84. The workers were able to _____ the tent in just a few minutes.
v. to construct or build something; to cause to rise; (adjective) upright or vertical
85. The _____ mountains make the city difficult to be invaded.
adj. that is near or around, or closely encircling something
86. The book's content was so _____ only a select few scholars could fully understand it.
adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest
87. They are building an _____ to the house to add more bedrooms.
n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
88. _____ the bandage tightly around the injured arm.
v. to cover or enclose something entirely with paper, cloth, or other material
89. He is a specialist in the _____ of aging.
n. the branch of biology that studies genes, genetic variation, and heredity in organisms
90. The company is environmentally conscious, and _____ it uses sustainable materials in its products.
adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

ANSWERS: 83. arrow, 84. erect, 85. surrounding, 86. esoteric, 87. extension, 88. Wrap, 89. genetics, 90. moreover,

91. Our natural _____ production decreases as we age, leading to wrinkles, sagging skin, and joint pain.
- n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
92. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
93. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
94. The principles of _____ are essential in the design of submarines.
- n.* a branch of physics that deals with the mechanical properties and behavior of fluids at rest, particularly with the principles of pressure, buoyancy, and equilibrium in fluids
95. The intricate carvings on the _____ tusk were a work of art.
- n.* a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
96. The minority _____ believed in a set of unconventional religious practices.
- n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
97. The statement had a _____ impact on house prices.
- adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 91. collagen, 92. obvious, 93. interaction, 94. hydrostatics, 95. ivory, 96. sect, 97. dramatic

98. He looked for an opportunity to _____ that actor in public.

v. to cause someone to feel awkward, worried, or ashamed

99. We must _____ address the problem.

adv. directly and firmly; in a square shape

100. Parents often _____ their characteristics to their children.

v. to send or forward an electronic signal; to pass something from one person or thing to another

101. We had a _____ time yesterday.

adj. very great in degree or extent or amount or impact; extremely good

102. The _____ train was packed with commuters during rush hour.

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

103. Shakespeare's output of poetry was _____.

adj. extremely large or great

104. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

105. The doctor detected a blockage in the patient's _____ system.

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

106. 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: 98. embarrass, 99. squarely, 100. transmit, 101. tremendous, 102. tube, 103. enormous, 104. biology, 105. vascular, 106. modify

107. The study of _____ is important in understanding the physical implications of movement and sports performance.
- n.* the study and application of mechanical principles to biological systems, especially as related to human movement and the physical performance of athletes and performers
108. The tiny marine _____ has existed for more than 500 million years.
- n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
109. The _____ of the fruit is sweet and juicy.
- n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
110. The researcher separated the nervous _____ for microscopic examinations.
- n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
111. My _____ topic focuses on the impact of social media on mental health.
- n.* a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification
112. My interest in _____ research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.
- n.* the study of fossils and the history of life on Earth
113. Effective communication is an _____ part of any successful team.
- adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

ANSWERS: 107. biomechanics, 108. sponge, 109. flesh, 110. tissue, 111. dissertation, 112. paleontology, 113. integral

114. The revitalization of technology companies is _____ to the country's growth.

adj. extremely vital or necessary

115. The doctor examined the patient's _____ during the routine check-up.

n. the male sexual organ; a reproductive organ involved in sexual intercourse and urination in males

116. The brain is an incredibly complex organ that controls the body's _____.

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

117. 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

118. The satellite _____ slowly ascended into the sky.

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

119. The prime minister canceled visits to other countries to resolve _____ disputes.

adj. of or relating to the inside of something

120. They hope to _____ their business worldwide.

v. to increase or to make something greater in size, number, or importance

121. _____ weight is the sum of all the atoms.

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

ANSWERS: 114. crucial, 115. penis, 116. function, 117. medical, 118. balloon, 119. internal, 120. expand, 121. Molecular

122. Scientists studied the ancient _____ to learn more about the creature's anatomy.
- n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
123. The _____ of the economy has led to job losses.
- n.* the act or process of becoming smaller or shorter in size, volume, or amount
124. The _____ of this information to the current situation needs to be investigated.
- n.* the state or degree of being closely connected or appropriate to the matter at hand
125. There will be an _____ lecture for new students this afternoon.
- n.* a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
126. In the city, the risk of traffic accidents _____ at every corner.
- v.* to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal
127. The couple began to _____ over which restaurant to go to for dinner.
- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 122. skeleton, 123. contraction, 124. relevance, 125. orientation, 126. lurks, 127. argue