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Juliet Brophy: How a new species of ancestors is changing our theory of human evolution | TED Talk
https://www.ted.com/talks/juliet_brophy_how_a_new_species_of_ancestors_is_changing_our_theory_of_human_evolution

All Words

IMPORTANT

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Session 1: Word List

origin

n. the first existence or beginning of something
synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

paleoanthropology

n. the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods
synonym: prehistoric anthropology, paleontology

(1) **paleoanthropology** expedition, (2) **paleoanthropology** museum

The study of **paleoanthropology** involves analyzing fossil remains to understand the evolution of humans.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning
synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

colleague

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

synonym : coworker, associate, fellow

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

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

homosexual

adj. sexually attracted to people of one's own sex

synonym : gay, same-sex attracted

(1) **homosexual** rights, (2) **homosexual** marriage

The law was repealed to protect the rights of **homosexual** citizens.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym : background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

ancestor

n. a person from whom one is descended; a forefather

synonym : forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym : ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

hominin

n. a group of primates that include humans and their ancestors, distinguished by bipedal locomotion, large brains relative to body size, and skeletal adaptations for upright posture and locomotion

synonym: early human, human ancestor, human-like

(1) **hominin** fossils, (2) **hominin** evolution

The classification of **hominin** species is complex due to the small number of fossils available for study.

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.

Australopithecus

n. any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans

synonym: hominid, primate, ape

(1) **Australopithecus** skull, (2) **Australopithecus** africanus

Australopithecus fossils have been found in Eastern and Southern Africa.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

modern

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

synonym: contemporary, stylish, current

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

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

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym: developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

fast-forward

v. to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

synonym: advance, hasten, speed up

(1) **fast-forward** 10 seconds, (2) **fast-forward** to the good part

I like to **fast-forward** through commercials when watching TV shows.

approximately

adv. close to a specific number or time but not exactly that number or time

synonym: about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same

This trail takes **approximately** 2.5 hours.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

sparse

adj. only in small quantities or numbers and often spread over a wide area

synonym: scarce, exiguous, infrequent

(1) a **sparse** population, (2) **sparse** snowfall

There is a **sparse** area between galaxies.

nonetheless

adv. in spite of what has just been said or done; nevertheless

synonym: nevertheless, regardless, still

(1) we are **nonetheless** confident, (2) love him

nonetheless

They each choose **nonetheless** to battle.

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?

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

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**.

pelvic

adj. of or relating to the pelvis, the lower part of the trunk of the human body, between the hips

(1) **pelvic** pain, (2) **pelvic** exam

The **pelvic** region is an important area of the human anatomy.

wrist

n. the joint between the hand and the forearm; the narrow part of the hand near this joint

synonym : carpus

(1) **wrist** bones, (2) glance at my **wrist** watch

He sprained his **wrist** while playing basketball.

morphology

n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

synonym : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

grip

n. the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

synonym : grasp, clasp, (verb) hold

(1) **grip** of fear, (2) lose my **grip**

He had a firm **grip** on the rope as he climbed the mountain.

disrupt

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

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

evolution

n. a gradual process of transformation of living things
synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

cradle

n. a small bed for an infant, often designed to rock back and forth; a place or region where something begins or originates

synonym: infancy, beginning, origin

(1) from the **cradle** to the grave, (2) **cradle** of civilization

The baby peacefully slept in her **cradle**, surrounded by stuffed animals and blankets.

humankind

n. the whole of the living human inhabitants of the earth
synonym: humanity, human race, society

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

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

numerous

adj. amounting to a large indefinite number

synonym: many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

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.

skull

n. a bone framework that surrounds the brain and gives the head its shape

synonym: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

beloved

adj. loved very much

synonym: adored, cherished, dear

(1) **beloved** author, (2) **beloved** by many people

I am here to save my **beloved**.

convey

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

synonym: communicate, transfer, deliver

(1) **convey** a complex idea, (2) **convey** goods by truck

An ironic remark often **conveys** an intended meaning obliquely.

excitement

n. a feeling of great enthusiasm and eagerness

synonym: thrill, exhilaration, incitement

(1) the **excitement** in the business world, (2) aesthetic **excitement**

The **excitement** of the upcoming concert was palpable among the crowd.

renowned

adj. famous and respected for great achievements, qualities, etc.

synonym: noted, prominent, acclaimed

(1) a **renowned** artist, (2) **renowned** as a novelist

This area is **renowned** for its hot springs.

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym : chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

analyst

n. someone whose job is to examine something to learn or understand more about it

synonym : reviewer, investigator, judge

(1) banking **analyst**, (2) senior research **analyst**

The **analyst** concluded that bankruptcy was inevitable.

excavate

v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something

synonym : dig, unearth, extract

(1) **excavate** a deep hole, (2) **excavate** soil

The archaeologists **excavated** the ruins of an ancient city buried under the desert sands.

treasure

n. a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected

synonym : hoard, fortune, gem

(1) **treasure** hunt, (2) **treasure** island

The pirates searched for buried **treasure** in the dunes.

trove

n. a valuable collection of rare or interesting things, usually on the earth

synonym : hoard, collection, assemblage

(1) **trove** of information, (2) stumble on a **trove**

The treasure **trove** of ancient artifacts was a museum's dream come true.

recover

v. to return to a former condition, health, mind, or strength
synonym : come back, convalesce, heal

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

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

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym : association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

cave

n. a large hole in the side of a hill, cliff, mountain, or under the ground

synonym : cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave**

Bats reside in sheltered **caves**.

specie

n. coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules

synonym : coinage, mintage

(1) **specie** reserve, (2) ground-state **specie**

The store only accepts payment in cash, no credit or debit cards, only **specie**.

jaw

n. either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information

synonym : mouth, (verb) chitchat

(1) snatch victory from the **jaws** of defeat, (2) **jaw** muscle

He dropped his **jaw** at the unexpected sight.

cranium

n. the skull of a human or animal, which encloses and protects the brain

synonym : skull, head, braincase

(1) human **cranium**, (2) fractured **cranium**

The scientist studied the dinosaur's **cranium** to learn more about its brain.

unprecedented

adj. never having been seen, done, or known before

synonym: novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

specimen

n. an individual example or sample of something, typically used to represent a larger group or category

synonym: example, sample, model

(1) **specimen** collection, (2) botanical **specimen**

The biology teacher showed the students a frog **specimen** so they could examine its anatomy.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

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.

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.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

identify

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

synonym: determine, specify, recognize

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

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

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

divide

v. to separate or cause to separate into parts or groups

synonym: separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

heaven

n. (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

synonym: paradise, nirvana, utopia

(1) ascend to **heaven**, (2) **heaven** on earth

He felt like **heaven** when he tasted the delicious chocolate cake.

booth

n. a small enclosed space, especially one with a counter or desk, used for selling tickets, goods, or services

synonym: kiosk, stand, cubicle

(1) **booth** cost, (2) phone **booth**

She set up a **booth** at the fair to sell her handmade jewelry.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym: extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

consume

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

synonym: absorb, ingest, use up

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

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

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

interpretation

n. an explanation or opinion of something, especially that is not immediately obvious

synonym : rendering, explanation, understanding

(1) the **interpretation** of history, (2) open to **interpretation**

His **interpretations** of literary works are often unique.

suite

n. a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

synonym : set, series, collection

(1) **suite** room, (2) **suite** of products

The presidential **suite** is the most luxurious room in the hotel.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym : feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's

characteristic laugh

Bananas have their **characteristic** taste and odor.

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.

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

biped

n. an animal with two feet

synonym: hominoid

(1) **biped** robot, (2) a featherless **biped**

Biped walking encouraged the further evolution of humankind.

ape

n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

synonym: monkey, primate, simian

(1) jungle **ape**, (2) play the **ape**

The scientist studied the behavior of **apes** in the wild.

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

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

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

deliberate

adj. done with full consciousness of nature and effects rather than by accident

synonym: intentional, planned, careful

(1) the **deliberate** act of provocation, (2) **deliberate** attempt

Despite its advanced science and technology, the empire was **deliberate** about invasion.

decide

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

synonym: choose, determine, settle

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

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

mosaic

n. a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these

synonym : collage, patchwork

(1) a **mosaic** pavement, (2) a **mosaic** of fields and forest areas

The city's **mosaic** culture results in great diversity in the arts.

primitive

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

synonym : elementary, naive, rudimentary

(1) **primitive** society, (2) artifact of a **primitive** humankind

The industry in this country is still **primitive**.

ancestral

adj. related to or connected with members of your family from the past

synonym : hereditary, inherited, patrimonial

(1) an **ancestral** graveyard, (2) **ancestral** roots

The **ancestral** home has been in the family for generations.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym : achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

representative

n. someone who speaks or acts officially on behalf of another person or group of people

synonym : spokesperson, agent, delegate

(1) an official **representative**, (2) sales **representative**

The media **representatives** had special passes.

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.

scarcely

adv. hardly or almost not; only just

synonym: barely, narrowly, hardly

(1) **scarcely** readable, (2) **scarcely** any interest in public

We **scarcely** ever used AEDs.

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.

assemblage

n. a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way

synonym: gathering, collection, meeting

(1) sculptural **assemblage**, (2) an **assemblage** of tools

The **assemblage** of artists displayed their works in the gallery for all to see.

consist

v. to be composed or made up of

synonym: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

fragmentary

adj. consisting of small or disjointed fragments; incomplete or lacking coherence or continuity; characterized by fragmentation or disunity

synonym: incomplete, shattered, partial

(1) **fragmentary** information, (2) **fragmentary** remains

The historian could only piece together a **fragmentary** account of the ancient civilization.

- trait** *n.* a particular feature of your nature
synonym: attribute, feature, quality
(1) chemical **trait**, (2) personality **traits**
Multiple genes may influence behavioral **traits** concurrently.
- molar** *n.* one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)
synonym: tooth, grinder, premolar
(1) **molar** tooth, (2) **molar** absorbancy index
I have a cavity in my **molar** and need to see the dentist.
- typical** *adj.* having the usual characteristics or traits of a specific group of things
synonym: characteristic, usual, distinctive
(1) **typical** leader, (2) fairly **typical** symptoms
This artwork is **typical** of her work.
- anterior** *adj.* located in or directed toward the front
synonym: front, forward, preceding
(1) **anterior** view, (2) **anterior** teeth
The **anterior** part of the skull is the forehead.
- incisor** *n.* one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting
synonym: front tooth, fang
(1) sharpened **incisors**, (2) upper **incisor**
The dentist extracted my **incisor** due to decay and infection.
- canine** *adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
synonym: laniary, dog-like, doggy
(1) **canine** behavior, (2) **canine** teeth

The veterinarian recommended a **canine-friendly** diet for my dog's health.

cusps

n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

synonym: point, apex, tip

(1) **cusps** of change, (2) a single **cusp**

The project was on the **cusp** of success and needed a little more funding.

distinct

adj. noticeable from something else of a similar type

synonym: different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

mitten

n. a glove with a separate sheath for the thumb but a combined sheath for the four fingers, typically warmer than a traditional glove

synonym: glove, gauntlet, handwear

(1) fingerless **mitten**, (2) knitted **mitten**

My mom knit me a pair of warm woolen **mittens** for the winter.

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.

crown

n. a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones

synonym: tiara, headdress, royalty

(1) the imperial **crown**, (2) the **crown** and throne

The bishop bestowed the golden **crown** on the king.

occlusal

adj. referring to the surface or point of contact between upper and lower teeth, particularly the chewing surface

of the molars and premolars

synonym : chewing, biting surface

(1) **occlusal** surface, (2) **occlusal** adjustment

The dentist used an **occlusal** examination to check for patient bite issues.

deciduous

adj. (of plants and shrubs) shedding its foliage annually; (of teeth, antlers, etc.) shedding its body parts at the end of a period of growth

synonym : momentary, temporary, short-term

(1) **deciduous** tree, (2) **deciduous** teeth

Deciduous leafy trees dominate the forests of the lower region.

permanent

adj. lasting for a long time without essential change

synonym : lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

outline

v. to describe the main facts or aspects involved in something

synonym : recap, summarize, digest

(1) **outlined** the plan, (2) **outline** the findings

This page **outlines** our response planning for an emergency.

hominid

n. a primate of a family (Hominidae) that includes humans and their fossil ancestors

synonym : human, primate, ancestor

(1) large-toothed **hominid**, (2) **hominid** evolution

Scientists have discovered new fossil evidence of an ancient **hominid** species.

intraspecific

adj. relating to or occurring within a single species; referring to the interactions, behaviors, or traits that occur among individuals or populations of the same species

synonym :

within species, sibling, conspecific

(1) **intraspecific** variation, (2) **intraspecific** competition

The study focused on the **intraspecific** differences between the two species of birds.

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.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

flare

v. to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

synonym: blaze, ignite, light up

(1) **flare** up into a major crisis, (2) the **flare** of a match

The Sun **flared** and caused a sudden brightening in the sky.

curve

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym: bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

humanlike

adj. resembling or having characteristics of a human, such as in appearance or behavior

synonym: resembling human, humanoid, anthropomorphic

(1) **humanlike** robot, (2) **humanlike** behavior

The android's **humanlike** features made distinguishing from a real person difficult.

slender

adj. thin and delicate, often in an attractive way

synonym: lanky, skinny, slim

(1) **slender** body, (2) a long **slender** leaf

He has a **slender** income.

consistent

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

synonym: coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

announce

v. to make something known or officially inform people about something

synonym: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

geology

n. a science that deals with the history of the earth as recorded in rocks

synonym: earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym:

calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

unconscious

adj. in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

synonym : comatose, paralyzed, senseless

(1) **unconscious** bias, (2) a person who is **unconscious**

I know his **unconscious** habit that he touches his face when he lies.

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.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym : enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

comply

v. to obey an order, set of rules, or request

synonym : follow, abide by, adhere to

(1) **comply** with a code, (2) fully **comply** with all laws

The public schools **comply** with federal standards.

assess

v. to judge or decide the nature or quality of someone or something

synonym :

estimate, evaluate, consider

(1) **assess** a tax of 10 pounds, (2) **assess** the quality
Our company needs to **assess** the business impact of climate change.

rethink

v. to consider again a plan, idea, etc., especially to change it

synonym: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

valid

adj. having a reasonable basis in logic or fact; still legally or officially acceptable

synonym: proper, reasonable, useful

(1) a **valid** contract, (2) a ticket **valid** for two days

Your credit card is no longer **valid**.

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**.

concrete

adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym: actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples
The president asked for a more **concrete** plan.

coexist

v. to live or exist together at the same time in the same place

synonym: cohabit, accompany, synchronize

(1) **coexist** with nature, (2) **coexist** with diversity

The different species can **coexist** in the same ecosystem by filling different niches and using different resources.

interbreed

v. to breed between different species or varieties

synonym: crossbreed, hybridize

(1) **interbreed** to produce hybrid offspring, (2) **interbreed** plants

Lions and tigers can **interbreed** to produce a liger.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

archaeology

n. the branch of anthropology that studies prehistoric people and their cultures

(1) the institute of **archaeology**, (2) prehistoric **archaeology**

She teaches **archaeology** at the local university.

artifact

n. a person-made object, especially one of historical or cultural interest

synonym: antique, relic, heirloom

(1) paleolithic **artifacts**, (2) Peruvian **artifacts**

The museum has a vast collection of Greek **artifacts**.

overlap

v. to partially cover something by going beyond its edge

synonym: overlay, cover, bespread

(1) **overlap** one another, (2) **overlap** in many areas

There was no **overlap** between their proposals.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

beg

v. to ask for something urgently or earnestly; to appeal to someone to do something

synonym : plead, implore, entreat

(1) **beg** the question, (2) **beg** for help

She **begged** her parents to let her go to the concert.

historic

adj. famous or significant in history, or potentially so

synonym : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

associate

v. to mentally connect someone or something with someone or something else

synonym : tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

relate

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

synonym: connect, link, associate

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

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

ironic

adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

synonym: sarcastic, wry, sardonic

(1) **ironic** result, (2) an **ironic** turn of events

It was **ironic** that the heavy rain started just as they set up for an outdoor picnic.

Session 2: Spelling

1. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
2. 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
3. tr__e of information *n.* a valuable collection of rare or interesting things, usually on the earth
4. the imperial cr__n *n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones
5. co___y with a code *v.* to obey an order, set of rules, or request
6. botanical sp_____en *n.* an individual example or sample of something, typically used to represent a larger group or category
7. a re_____ed artist *adj.* famous and respected for great achievements, qualities, etc.
8. an_____ce the award winners *v.* to make something known or officially inform people about something
9. at inc_____le speed *adj.* unbelievable; enormous
10. knitted mi___n *n.* a glove with a separate sheath for the thumb but a combined sheath for the four fingers, typically warmer than a traditional glove

ANSWERS: 1. variation, 2. argue, 3. trove, 4. crown, 5. comply, 6. specimen, 7. renowned, 8. announce, 9. incredible, 10. mitten

- | | |
|-----------------------------------|--|
| 11. unc_____us bias | <i>adj.</i> in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness |
| 12. human ev_____on | <i>n.</i> a gradual process of transformation of living things |
| 13. pe_____nt life insurance | <i>adj.</i> lasting for a long time without essential change |
| 14. co_____e electricity | <i>v.</i> to spend something, especially fuel, energy, or time, in a large amount |
| 15. achieve the hi_____ic feat | <i>adj.</i> famous or significant in history, or potentially so |
| 16. fl__e up into a major crisis | <i>v.</i> to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface |
| 17. lose my g__p | <i>n.</i> the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly |
| 18. re_____r a loss | <i>v.</i> to return to a former condition, health, mind, or strength |
| 19. history of hu_____nd | <i>n.</i> the whole of the living human inhabitants of the earth |
| 20. inc_____ly cheerful character | <i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely |
| 21. nu_____us countries | <i>adj.</i> amounting to a large indefinite number |
| 22. re___e a story | <i>v.</i> to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something |

ANSWERS: 11. unconscious, 12. evolution, 13. permanent, 14. consume, 15. historic, 16. flare, 17. grip, 18. recover, 19. humankind, 20. incredibly, 21. numerous, 22. relate

23. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
24. human cr_____m *n.* the skull of a human or animal, which encloses and protects the brain
25. yield cu___e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
26. fas_____ard 10 seconds *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
27. an ir___c turn of events *adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
28. Aus_____cus africanus *n.* any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans
29. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
30. sales rep_____ive *n.* someone who speaks or acts officially on behalf of another person or group of people
31. racial or___n *n.* the first existence or beginning of something
32. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 23. intense, 24. cranium, 25. curve, 26. fast-forward, 27. ironic, 28. Australopithecus, 29. eventually, 30. representative, 31. origin, 32. decide

33. literature of pe_____nt value *adj.* lasting for a long time without essential change
34. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
35. re_____ve factors *adj.* considered and evaluated through comparison with something else
36. di___e money equally *v.* to separate or cause to separate into parts or groups
37. from the cr___e to the grave *n.* a small bed for an infant, often designed to rock back and forth; a place or region where something begins or originates
38. an official rep_____ive *n.* someone who speaks or acts officially on behalf of another person or group of people
39. int_____fic variation *adj.* relating to or occurring within a single species; referring to the interactions, behaviors, or traits that occur among individuals or populations of the same species
40. personality tr__ts *n.* a particular feature of your nature
41. int_____ed plants *v.* to breed between different species or varieties
42. mo___n poetry *adj.* of or belonging to the present time or recent times
43. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
44. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution

ANSWERS: 33. permanent, 34. feat, 35. relative, 36. divide, 37. cradle, 38. representative, 39. intraspecific, 40. trait, 41. interbreed, 42. modern, 43. analyze, 44. undergraduate

45. ind_____us student *adj.* hardworking, diligent, and persistent in effort
46. burning of fo___l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
47. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
48. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
49. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
50. an international tr__d *n.* a general direction in which something is changing or developing
51. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
52. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
53. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
54. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
55. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something

ANSWERS: 45. industrious, 46. fossil, 47. industrious, 48. disrupt, 49. lab, 50. trend, 51. incredibly, 52. discovery, 53. implication, 54. brain, 55. define

56. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
57. the tr__d away from television *n.* a general direction in which something is changing or developing
58. learning cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
59. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
60. in an o_d way *adj.* strange or unexpected; not divisible by two
61. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
62. ou_____e the findings *v.* to describe the main facts or aspects involved in something
63. an_____or teeth *adj.* located in or directed toward the front
64. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
65. mo__r absorbaney index *n.* one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)

ANSWERS: 56. frame, 57. trend, 58. curve, 59. colleague, 60. odd, 61. relate, 62. outline, 63. anterior, 64. discuss, 65. molar

66. mor_____gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
67. sc_____ly any interest in public *adv.* hardly or almost not; only just
68. oc_____al surface *adj.* referring to the surface or point of contact between upper and lower teeth, particularly the chewing surface of the molars and premolars
69. have a thick sk__l *n.* a bone framework that surrounds the brain and gives the head its shape
70. the exc_____nt in the business world *n.* a feeling of great enthusiasm and eagerness
71. fra_____ry information *adj.* consisting of small or disjointed fragments; incomplete or lacking coherence or continuity; characterized by fragmentation or disunity
72. sp___e reserve *n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
73. love him non_____ss *adv.* in spite of what has just been said or done; nevertheless
74. ho_____n evolution *n.* a group of primates that include humans and their ancestors, distinguished by bipedal locomotion, large brains relative to body size, and skeletal adaptations for upright posture and locomotion

ANSWERS: 66. morphology, 67. scarcely, 68. occlusal, 69. skull, 70. excitement, 71. fragmentary, 72. specie, 73. nonetheless, 74. hominin

86. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
87. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
88. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
89. chemical tr__t *n.* a particular feature of your nature
90. sc_____ly readable *adv.* hardly or almost not; only just
91. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
92. as____s the quality *v.* to judge or decide the nature or quality of someone or something
93. di____e the cake into two pieces *v.* to separate or cause to separate into parts or groups
94. artifact of a pr_____ve humankind *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
95. stumble on a tr__e *n.* a valuable collection of rare or interesting things, usually on the earth
96. ir____c result *adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

ANSWERS: 86. ape, 87. concrete, 88. colleague, 89. trait, 90. scarcely, 91. estimate, 92. assess, 93. divide, 94. primitive, 95. trove, 96. ironic

97. co___y a complex idea *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
98. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
99. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
100. b_g for help *v.* to ask for something urgently or earnestly; to appeal to someone to do something
101. ex_____te soil *v.* to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
102. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
103. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
104. the fl__e of a match *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
105. int_____ed to produce hybrid offspring *v.* to breed between different species or varieties
106. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something

ANSWERS: 97. convey, 98. humankind, 99. determinant, 100. beg, 101. excavate, 102. typical, 103. estimate, 104. flare, 105. interbreed, 106. define

107. 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
108. as___s a tax of 10 pounds *v.* to judge or decide the nature or quality of someone or something
109. a co_____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
110. o_d behavior *adj.* strange or unexpected; not divisible by two
111. hom_____al rights *adj.* sexually attracted to people of one's own sex
112. sl_____r body *adj.* thin and delicate, often in an attractive way
113. an_____or view *adj.* located in or directed toward the front
114. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
115. ho_____d evolution *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
116. an_____or language *n.* a person from whom one is descended; a forefather
117. the cr__n and throne *n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones

ANSWERS: 107. bias, 108. assess, 109. concrete, 110. odd, 111. homosexual, 112. slender, 113. anterior, 114. discovery, 115. hominid, 116. ancestor, 117. crown

118. an an_____al graveyard *adj.* related to or connected with members of your family from the past
119. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
120. fra_____ry remains *adj.* consisting of small or disjointed fragments; incomplete or lacking coherence or continuity; characterized by fragmentation or disunity
121. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
122. hi_____ic accomplishment *adj.* famous or significant in history, or potentially so
123. ov_____p one another *v.* to partially cover something by going beyond its edge
124. pe____c pain *adj.* of or relating to the pelvis, the lower part of the trunk of the human body, between the hips
125. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
126. del_____te attempt *adj.* done with full consciousness of nature and effects rather than by accident
127. local ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
128. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 118. ancestral, 119. context, 120. fragmentary, 121. associate, 122. historic, 123. overlap, 124. pelvic, 125. chimpanzee, 126. deliberate, 127. geology, 128. disrupt

129. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
130. jungle a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
131. su__e room *n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person
132. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
133. we are non_____ss confident *adv.* in spite of what has just been said or done; nevertheless
134. co_____t only in knowing facts *v.* to be composed or made up of
135. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
136. a single c__p *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
137. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 129. framework, 130. ape, 131. suite, 132. characteristic, 133. nonetheless, 134. consist, 135. invite, 136. cusp, 137. feat

138. de_____us tree *adj.* (of plants and shrubs) shedding its foliage annually; (of teeth, antlers, etc.) shedding its body parts at the end of a period of growth
139. cr___e of civilization *n.* a small bed for an infant, often designed to rock back and forth; a place or region where something begins or originates
140. sculptural ass_____ge *n.* a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way
141. co_____t with diversity *v.* to live or exist together at the same time in the same place
142. snatch victory from the j_ws of defeat *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
143. ascend to he___n *n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty
144. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
145. g__p of fear *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
146. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 138. deciduous, 139. cradle, 140. assemblage, 141. coexist, 142. jaw, 143. heaven, 144. consume, 145. grip, 146. typical

147. hom_____al marriage *adj.* sexually attracted to people of one's own sex
148. ca___e teeth *adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
149. as nu_____us as the sand *adj.* amounting to a large indefinite number
150. as___e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
151. app_____ely same *adv.* close to a specific number or time but not exactly that number or time
152. open to int_____ion *n.* an explanation or opinion of something, especially that is not immediately obvious
153. re_____ed as a novelist *adj.* famous and respected for great achievements, qualities, etc.
154. a picture fr___e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
155. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
156. he___n on earth *n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

ANSWERS: 147. homosexual, 148. canine, 149. numerous, 150. assume, 151. approximately, 152. interpretation, 153. renowned, 154. frame, 155. discuss, 156. heaven

157. Aus_____cus skull *n.* any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans
158. sharpened in_____rs *n.* one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting
159. a ticket va__d for two days *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
160. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
161. pe___c exam *adj.* of or relating to the pelvis, the lower part of the trunk of the human body, between the hips
162. hu_____ke robot *adj.* resembling or having characteristics of a human, such as in appearance or behavior
163. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
164. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
165. 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
166. a gas ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 157. Australopithecus, 158. incisor, 159. valid, 160. variation, 161. pelvic, 162. humanlike, 163. represent, 164. evolutionary, 165. argue, 166. chamber

167. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
168. or___n of information *n.* the first existence or beginning of something
169. as___e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
170. an_____ce candidacy *v.* to make something known or officially inform people about something
171. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
172. large-toothed ho_____d *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
173. the institute of arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures
174. phone bo__h *n.* a small enclosed space, especially one with a counter or desk, used for selling tickets, goods, or services
175. the int_____ion of history *n.* an explanation or opinion of something, especially that is not immediately obvious
176. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
177. di_____ct difference *adj.* noticeable from something else of a similar type

ANSWERS: 167. brain, 168. origin, 169. assume, 170. announce, 171. associate, 172. hominid, 173. archaeology, 174. booth, 175. interpretation, 176. undergraduate, 177. distinct

178. an_____al roots *adj.* related to or connected with members of your family from the past
179. pal_____ogy museum *n.* the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods
180. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
181. pal_____ogy expedition *n.* the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods
182. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
183. re_____k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
184. in____e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
185. ground-state sp____e *n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
186. an_____y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
187. aesthetic exc_____nt *n.* a feeling of great enthusiasm and eagerness

ANSWERS: 178. ancestral, 179. paleoanthropology, 180. context, 181. paleoanthropology, 182. modern, 183. rethink, 184. invite, 185. specie, 186. anatomy, 187. excitement

188. sp___e snowfall *adj.* only in small quantities or numbers and often spread over a wide area
189. sp_____en collection *n.* an individual example or sample of something, typically used to represent a larger group or category
190. prehistoric arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures
191. co_____t mainly of cells *v.* to be composed or made up of
192. re_____r approval ratings *v.* to return to a former condition, health, mind, or strength
193. a sp___e population *adj.* only in small quantities or numbers and often spread over a wide area
194. ev_____on theory *n.* a gradual process of transformation of living things
195. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
196. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
197. co_____t with nature *v.* to live or exist together at the same time in the same place
198. a va__d contract *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
199. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
200. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something

ANSWERS: 188. sparse, 189. specimen, 190. archaeology, 191. consist, 192. recover, 193. sparse, 194. evolution, 195. fossil, 196. intense, 197. coexist, 198. valid, 199. conclude, 200. implication

201. paleolithic ar_____cts *n.* a person-made object, especially one of historical or cultural interest
202. the ul_____te luxury *adj.* furthest or highest in degree or order
203. mo__r tooth *n.* one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)
204. the lower ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
205. do on a con_____nt basis *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
206. er__t structure *v.* to construct or build something; to cause to rise; (adjective) upright or vertical
207. unp_____ted business opportunity *adj.* never having been seen, done, or known before
208. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
209. upper in_____r *n.* one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting
210. bo__h cost *n.* a small enclosed space, especially one with a counter or desk, used for selling tickets, goods, or services

ANSWERS: 201. artifact, 202. ultimate, 203. molar, 204. chamber, 205. consistent, 206. erect, 207. unprecedented, 208. analyze, 209. incisor, 210. booth

211. banking an____t *n.* someone whose job is to examine something to learn or understand more about it
212. be____d author *adj.* loved very much
213. get con_____nt results *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
214. app_____ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time
215. a remote re____ve *adj.* considered and evaluated through comparison with something else
216. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
217. ev____e *v.* to develop gradually, or to cause the development of something or someone gradually
218. inc_____le amount *adj.* unbelievable; enormous
219. domiciliary c__es *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
220. ho____n fossils *n.* a group of primates that include humans and their ancestors, distinguished by bipedal locomotion, large brains relative to body size, and skeletal adaptations for upright posture and locomotion
221. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 211. analyst, 212. beloved, 213. consistent, 214. approximately, 215. relative, 216. addition, 217. evolve, 218. incredible, 219. cave, 220. hominin, 221. decide

222. su__e of products *n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person
223. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
224. be___g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
225. j_w muscle *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
226. fingerless mi___n *n.* a glove with a separate sheath for the thumb but a combined sheath for the four fingers, typically warmer than a traditional glove
227. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
228. the del_____te act of provocation *adj.* done with full consciousness of nature and effects rather than by accident
229. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 222. suite, 223. evolutionary, 224. belong, 225. jaw, 226. mitten, 227. identify, 228. deliberate, 229. determinant

230. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
231. bi__d robot *n.* an animal with two feet
232. co_____e fiercely *v.* to strive to achieve more success than someone or something
233. oc_____al adjustment *adj.* referring to the surface or point of contact between upper and lower teeth, particularly the chewing surface of the molars and premolars
234. senior research an_____t *n.* someone whose job is to examine something to learn or understand more about it
235. unp_____ted boom *adj.* never having been seen, done, or known before
236. be_____d by many people *adj.* loved very much
237. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
238. wr__t bones *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
239. fully co___y with all laws *v.* to obey an order, set of rules, or request
240. fas_____ard to the good part *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

ANSWERS: 230. framework, 231. biped, 232. compete, 233. occlusal, 234. analyst, 235. unprecedented, 236. beloved, 237. evolve, 238. wrist, 239. comply, 240. fast-forward

241. ou____ed the plan *v.* to describe the main facts or aspects involved in something
242. hu_____ke behavior *adj.* resembling or having characteristics of a human, such as in appearance or behavior
243. the ul____te goal in life *adj.* furthest or highest in degree or order
244. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
245. animal an____y *n.* the scientific study that deals with the physical structure of humans, animals, or plants
246. 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
247. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
248. sk__l fracture *n.* a bone framework that surrounds the brain and gives the head its shape
249. ca___e behavior *adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
250. ov____p in many areas *v.* to partially cover something by going beyond its edge
251. a person who is unc_____us *adj.* in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

ANSWERS: 241. outline, 242. humanlike, 243. ultimate, 244. demonstrate, 245. anatomy, 246. skeleton, 247. demonstrate, 248. skull, 249. canine, 250. overlap, 251. unconscious

252. a mo___c of fields and forest areas *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
253. pr_____ve society *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
254. glance at my wr__t watch *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
255. 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
256. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
257. tr_____re hunt *n.* a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected
258. cellular mor_____gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
259. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
260. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 252. mosaic, 253. primitive, 254. wrist, 255. bias, 256. characteristic, 257. treasure, 258. morphology, 259. identify, 260. eventually

261. a mo___c pavement *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
262. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
263. de_____us teeth *adj.* (of plants and shrubs) shedding its foliage annually; (of teeth, antlers, etc.) shedding its body parts at the end of a period of growth
264. a private ind_____al *n.* a single person or thing, as distinct from a group
265. bureau of ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
266. ex_____te a deep hole *v.* to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
267. pr_____y education *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
268. co___y goods by truck *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
269. tr_____re island *n.* a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected

ANSWERS: 261. mosaic, 262. conclude, 263. deciduous, 264. individual, 265. geology, 266. excavate, 267. primary, 268. convey, 269. treasure

270. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
271. an ass_____ge of tools *n.* a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way
272. co_____e against a friend *v.* to strive to achieve more success than someone or something
273. c__p of change *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
274. fractured cr_____m *n.* the skull of a human or animal, which encloses and protects the brain
275. pr_____y school *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
276. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
277. Peruvian ar_____cts *n.* a person-made object, especially one of historical or cultural interest
278. b_g the question *v.* to ask for something urgently or earnestly; to appeal to someone to do something
279. re_____k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it

ANSWERS: 270. chimpanzee, 271. assemblage, 272. compete, 273. cusp, 274. cranium, 275. primary, 276. addition, 277. artifact, 278. beg, 279. rethink

280. keep the flagpole er__t

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

ANSWERS: 280. erect

Session 3: Fill in the Blanks

1. The different species can _____ in the same ecosystem by filling different niches and using different resources.
 - v. to live or exist together at the same time in the same place

2. 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

3. The project was on the _____ of success and needed a little more funding.
 - n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

4. I am here to save my _____.
 - adj. loved very much

5. Despite its advanced science and technology, the empire was _____ about invasion.
 - adj. done with full consciousness of nature and effects rather than by accident

6. Lions and tigers can _____ to produce a liger.
 - v. to breed between different species or varieties

7. We need to _____ the next steps for the project during our meeting tomorrow.
 - v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

ANSWERS: 1. coexist, 2. skeleton, 3. cusp, 4. beloved, 5. deliberate, 6. interbreed, 7. discuss

8. Bats reside in sheltered _____.
- n.* a large hole in the side of a hill, cliff, mountain, or under the ground
9. A smaller car will _____ less fuel.
- v.* to spend something, especially fuel, energy, or time, in a large amount
10. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
11. The president asked for a more _____ plan.
- adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
12. The archaeologists _____ the ruins of an ancient city buried under the desert sands.
- v.* to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
13. The store only accepts payment in cash, no credit or debit cards, only _____.
- n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
14. This page _____ our response planning for an emergency.
- v.* to describe the main facts or aspects involved in something
15. His poem has a very significant _____.
- n.* something that is inferred or indirectly stated; the act or fact of being involved in something

ANSWERS: 8. caves, 9. consume, 10. decide, 11. concrete, 12. excavated, 13. specie, 14. outlines, 15. implication

16. The dentist used an _____ examination to check for patient bite issues.

adj. referring to the surface or point of contact between upper and lower teeth, particularly the chewing surface of the molars and premolars

17. I have a cavity in my _____ and need to see the dentist.

n. one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth;
(adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)

18. The study focused on the _____ differences between the two species of birds.

adj. relating to or occurring within a single species; referring to the interactions, behaviors, or traits that occur among individuals or populations of the same species

19. Eyeless fish _____ in dark caves.

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

20. The _____ of rocks can reveal clues about their geological history.

n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

21. The _____ of the upcoming concert was palpable among the crowd.

n. a feeling of great enthusiasm and eagerness

22. Archaeologists found a Neanderthal _____ at that historic site.

n. a bone framework that surrounds the brain and gives the head its shape

ANSWERS: 16. occlusal, 17. molar, 18. intraspecific, 19. evolved, 20. morphology, 21. excitement, 22. skull

23. The corporation _____ dominated the entire tobacco business.

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

24. The veterinarian recommended a _____ diet for my dog's health.

adj. relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness

25. This area is _____ for its hot springs.

adj. famous and respected for great achievements, qualities, etc.

26. They each choose _____ to battle.

adv. in spite of what has just been said or done; nevertheless

27. We have to _____ our company's product lineup for further growth.

v. to consider again a plan, idea, etc., especially to change it

28. It was the _____ of a dinosaur tooth.

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

29. The classification of _____ species is complex due to the small number of fossils available for study.

n. a group of primates that include humans and their ancestors, distinguished by bipedal locomotion, large brains relative to body size, and skeletal adaptations for upright posture and locomotion

30. The pirates searched for buried _____ in the dunes.

n. a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected

ANSWERS: 23. eventually, 24. canine-friendly, 25. renowned, 26. nonetheless, 27. rethink, 28. fossil, 29. hominin, 30. treasure

31. Several cities are experiencing _____ high unemployment rates.

adv. in a way that is very difficult to believe; exceedingly or extremely

32. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

33. The professor explained the _____ of the nervous system.

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

34. The biology teacher showed the students a frog _____ so they could examine its anatomy.

n. an individual example or sample of something, typically used to represent a larger group or category

35. An ironic remark often _____ an intended meaning obliquely.

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

36. The _____ of artists displayed their works in the gallery for all to see.

n. a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way

37. I know his _____ habit that he touches his face when he lies.

adj. in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

38. The _____ concluded that bankruptcy was inevitable.

n. someone whose job is to examine something to learn or understand more about it

ANSWERS: 31. incredibly, 32. feat, 33. anatomy, 34. specimen, 35. conveys, 36. assemblage, 37. unconscious, 38. analyst

39. _____ amounts of heckling and slogan-shouting took place throughout the event.

adj. never having been seen, done, or known before

40. 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

41. The android's _____ features made distinguishing from a real person difficult.

adj. resembling or having characteristics of a human, such as in appearance or behavior

42. The third season of the anime show has been _____.

v. to make something known or officially inform people about something

43. To advance this discussion, we must _____ "success" rigorously.

v. to state or explain precisely the nature, scope, or meaning of something

44. 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

45. One _____ of success is having a positive attitude and a strong work ethic.

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

46. 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

ANSWERS: 39. Unprecedented, 40. individual, 41. humanlike, 42. announced, 43. define, 44. argue, 45. determinant, 46. brain

47. Their headquarters are in a _____ skyscraper.

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

48. The scientist studied the behavior of _____ in the wild.

n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

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

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

50. He had a firm _____ on the rope as he climbed the mountain.

n. the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

51. My mom knit me a pair of warm woolen _____ for the winter.

n. a glove with a separate sheath for the thumb but a combined sheath for the four fingers, typically warmer than a traditional glove

52. 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

53. The industry in this country is still _____.

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

54. This trail takes _____ 2.5 hours.

adv. close to a specific number or time but not exactly that number or time

55. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

n. a workplace for the conduct of scientific research; a laboratory

ANSWERS: 47. modern, 48. apes, 49. recovering, 50. grip, 51. mittens, 52. erect, 53. primitive, 54. approximately, 55. lab

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

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

57. The oil price continued their downward _____.

- n.* a general direction in which something is changing or developing

58. The scientist studied the dinosaur's _____ to learn more about its brain.

- n.* the skull of a human or animal, which encloses and protects the brain

59. The following example _____ that the capacity of each battery is the same.

- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

60. Your credit card is no longer _____.

- adj.* having a reasonable basis in logic or fact; still legally or officially acceptable

61. The _____ region is an important area of the human anatomy.

- adj.* of or relating to the pelvis, the lower part of the trunk of the human body, between the hips

62. _____ fossils have been found in Eastern and Southern Africa.

- n.* any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans

63. That statement by the prime minister drew _____ international criticism.

- adj.* (especially of a feeling) very strong; extremely sharp or severe

ANSWERS: 56. disrupt, 57. trend, 58. cranium, 59. assumes, 60. valid, 61. pelvic, 62. Australopithecus, 63. intense

64. We _____ a cease-fire.

v. to come to an end or close; to reach a judgment or opinion by reasoning

65. My remote _____ immigrated to the United States from Ireland in the 1800s.

n. a person from whom one is descended; a forefather

66. They study the _____ of the universe.

n. a gradual process of transformation of living things

67. Scientists have discovered new fossil evidence of an ancient _____ species.

n. a primate of a family (Hominidae) that includes humans and their fossil ancestors

68. The _____ home has been in the family for generations.

adj. related to or connected with members of your family from the past

69. The _____ in the road was so sharp that I had to slow down to navigate it safely.

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

70. The _____ cause of the accident was due to the icy road conditions.

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

71. The media _____ had special passes.

n. someone who speaks or acts officially on behalf of another person or group of people

ANSWERS: 64. concluded, 65. ancestor, 66. evolution, 67. hominid, 68. ancestral, 69. curve, 70. primary, 71. representatives

72. You are not _____ in your behavior.

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

73. He sprained his _____ while playing basketball.

n. the joint between the hand and the forearm; the narrow part of the hand near this joint

74. Can you _____ 123321 by eleven?

v. to separate or cause to separate into parts or groups

75. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

76. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.

n. a small, very intelligent ape found in west and central Africa with black or brown fur

77. All the books in this section _____ to the library's rare collection and must be handled carefully.

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

78. This artwork is _____ of her work.

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

79. He has a _____ income.

adj. thin and delicate, often in an attractive way

ANSWERS: 72. consistent, 73. wrist, 74. divide, 75. ultimate, 76. chimpanzee, 77. belong, 78. typical, 79. slender

80. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
81. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
82. Bananas have their _____ taste and odor.
- n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
83. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
84. The teacher attempted to _____ the root cause of our mistake.
- v.* to think about in-depth and evaluate to discover essential features or meaning
85. 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
86. There are various hypotheses concerning the _____ of life.
- n.* the first existence or beginning of something
87. He devised a new analytical _____ to capture the phenomenon.
- n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

ANSWERS: 80. relate, 81. addition, 82. characteristic, 83. context, 84. analyze, 85. bias, 86. origin, 87. framework

88. She set up a _____ at the fair to sell her handmade jewelry.
- n.* a small enclosed space, especially one with a counter or desk, used for selling tickets, goods, or services
89. The surgeon made an incision in the _____ of the patient's heart.
- n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
90. Our company needs to _____ the business impact of climate change.
- v.* to judge or decide the nature or quality of someone or something
91. I will introduce you to how to _____ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
92. There is a _____ area between galaxies.
- adj.* only in small quantities or numbers and often spread over a wide area
93. 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
94. The historian could only piece together a _____ account of the ancient civilization.
- adj.* consisting of small or disjointed fragments; incomplete or lacking coherence or continuity; characterized by fragmentation or disunity
95. How can you _____ that the earth is a sphere?
- v.* to display something or give an exhibition to an interested audience

ANSWERS: 88. booth, 89. chambers, 90. assess, 91. identify, 92. sparse, 93. undergraduate, 94. fragmentary, 95. demonstrate

96. We elected him to _____ us at the international conference.

- v.* to speak, act, or be present on behalf of another person or group; to form or constitute

97. His grandfather was an ____ man.

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

98. His _____ of literary works are often unique.

- n.* an explanation or opinion of something, especially that is not immediately obvious

99. He felt like _____ when he tasted the delicious chocolate cake.

- n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

100. She teaches _____ at the local university.

- n.* the branch of anthropology that studies prehistoric people and their cultures

101. We _____ the season's total trade deficit at \$50 billion.

- v.* to guess or calculate the cost, size, value, etc. of something

102. The study of _____ involves analyzing fossil remains to understand the evolution of humans.

- n.* the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods

103. He dropped his ____ at the unexpected sight.

- n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information

ANSWERS: 96. represent, 97. odd, 98. interpretations, 99. heaven, 100. archaeology, 101. estimated, 102. paleoanthropology, 103. jaw

104. The law was repealed to protect the rights of _____ citizens.
adj. sexually attracted to people of one's own sex
105. _____ leafy trees dominate the forests of the lower region.
adj. (of plants and shrubs) shedding its foliage annually; (of teeth, antlers, etc.) shedding its body parts at the end of a period of growth
106. The city's _____ culture results in great diversity in the arts.
n. a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
107. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
108. The dentist extracted my _____ due to decay and infection.
n. one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting
109. The _____ part of the skull is the forehead.
adj. located in or directed toward the front
110. The detective looked for fingerprints on the window _____.
n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
111. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest
112. She is searching for a _____ residence.
adj. lasting for a long time without essential change

ANSWERS: 104. homosexual, 105. Deciduous, 106. mosaic, 107. industrious, 108. incisor, 109. anterior, 110. frame, 111. artifacts, 112. permanent

113. The presidential _____ is the most luxurious room in the hotel.

- n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

114. These descriptions are based on a number of _____ assumptions.

- adj.* amounting to a large indefinite number

115. You must _____ with others to obtain this position.

- v.* to strive to achieve more success than someone or something

116. We want to _____ you to our annual charity event.

- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

117. She _____ her parents to let her go to the concert.

- v.* to ask for something urgently or earnestly; to appeal to someone to do something

118. The public schools _____ with federal standards.

- v.* to obey an order, set of rules, or request

119. _____ walking encouraged the further evolution of humankind.

- n.* an animal with two feet

120. The baby peacefully slept in her _____ surrounded by stuffed animals and blankets.

- n.* a small bed for an infant, often designed to rock back and forth; a place or region where something begins or originates

ANSWERS: 113. suite, 114. numerous, 115. compete, 116. invite, 117. begged, 118. comply, 119. Biped, 120. cradle,

121. I like to _____ through commercials when watching TV shows.

- v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

122. Her response revealed _____ idiocy.

- adj.* unbelievable; enormous

123. I decided to seek counseling on the advice of my _____.

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

124. He was a visiting _____ professor at the University of Tokyo.

- n.* a science that deals with the history of the earth as recorded in rocks

125. Her research team made an important _____.

- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

126. _____ algorithms can find ways to optimize that humans do not anticipate.

- adj.* relating to or denoting how living things develop or change from earlier forms

127. There was no _____ between their proposals.

- v.* to partially cover something by going beyond its edge

128. The majority of consumers _____ this brand with quality.

- v.* to mentally connect someone or something with someone or something else

129. The Sun _____ and caused a sudden brightening in the sky.

- v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

ANSWERS: 121. fast-forward, 122. incredible, 123. colleague, 124. geology, 125. discovery, 126. Evolutionary, 127. overlap, 128. associate, 129. flared

130. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

131. We _____ ever used AEDs.

adv. hardly or almost not; only just

132. This examination _____ of five problems to solve.

v. to be composed or made up of

133. Multiple genes may influence behavioral _____ concurrently.

n. a particular feature of your nature

134. It was _____ that the heavy rain started just as they set up for an outdoor picnic.

adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

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

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

136. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

137. It is essential to keep these two issues _____.

adj. noticeable from something else of a similar type

138. The bishop bestowed the golden _____ on the king.

n. a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones

ANSWERS: 130. relatives, 131. scarcely, 132. consists, 133. traits, 134. ironic, 135. humankind, 136. historic, 137. distinct, 138. crown

139. 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

140. The treasure _____ of ancient artifacts was a museum's dream come true.

n. a valuable collection of rare or interesting things, usually on the earth

ANSWERS: 139. variation, 140. trove