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Vocabulary Builder Reference from...

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All Words

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Session 1: Word List

scum

n. a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups

synonym : dregs, slime, filth

(1) bathtub **scum**, (2) **scum** of the earth

The **scum** on the pond's surface made seeing the fish swimming below difficult.

offend

v. to cause someone to feel upset, angry, or annoyed

synonym : insult, hurt, anger

(1) **offend** his sensibilities, (2) **offend** a customer

His rude comments **offended** many people at the party.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

- rot** v. to decay, or cause something to decay, naturally and gradually
synonym : perish, decay, corrode
(1) begin to **rot**, (2) **rot** with age
Please refrigerate the meat, or it will **rot**.
- degree** n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
synonym : level, qualification, diploma
(1) bachelor's **degree**, (2) **degree** centigrade
She received her **degree** in psychology from the university.
- separate** v. to force, take, or pull apart; mark as different
synonym : disunite, isolate, ramify
(1) **separate** video into chapter, (2) **separate** cream from milk
We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.
- pond** n. a small, shallow lake
synonym : lake, pool, basin
(1) a garden **pond**, (2) **pond** water
The freshwater **pond** was home to many different types of fish and was a popular spot for fishing.
- ecosystem** n. all the plants and living creatures in an area and the way they affect each other and the environment
(1) marine **ecosystem**, (2) change the **ecosystem**
Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.
- creature** n. a living being, especially an animal
synonym : being, animal, organism
(1) **creature** of habit, (2) artificial **creature**
The deep sea **creature** was unlike anything the scientists

had ever seen before.

reef *n.* a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

savannah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

synonym: grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

indirectly *adv.* not going straight to the point; implying or suggesting something

synonym: circuitously, obliquely, by implication

(1) **indirectly** related, (2) **indirectly** impact

The CEO **indirectly** expressed her disappointment with the project's progress.

nourish *v.* to provide a person, an animal, or plant with food to make them grow and stay healthy

synonym: feed, sustain, nurture

(1) **nourish** damaged skin, (2) **nourish** hope

The mother used her breast milk to **nourish** the baby.

organic *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym: biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

trace *v.* to find or discover someone or something that was lost
synonym: seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

sunlight

n. the light emitted by the sun; the rays of the sun
synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

transform

v. to change in outward structure or looks;
synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

glucose

n. a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

synonym: sugar, blood sugar

(1) blood **glucose** test, (2) **glucose** level

The doctor injected **glucose** into his patient's veins.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

chain

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

synonym : series, string, link

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

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

illustration

n. a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something

synonym : picture, diagram, explanation

(1) educational **illustration**, (2) **illustration** artist

The **illustration** in the book helped me understand the concept better.

terrestrial

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

synonym : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

Terrestrial longitude is measured in degrees east or west of the Prime Meridian.

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym : limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym : subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist

Having **underground** parking has been very beneficial throughout the winter.

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.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

detritus

n. waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

synonym : debris, waste, garbage

(1) **detritus** pile, (2) **detritus** removal

The beach was littered with **detritus** and trash left behind by careless visitors.

expel

v. to officially force someone to leave a school, organization, or country

synonym : deport, oust, dislodge

(1) **expel** him from his native country, (2) **expel** air from the lungs

He took a big drag of his cigarette and slowly **expelled** the smoke.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

synonym : corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**

The dead body was in an advanced state of **decay**.

grim

adj. looking or sounding very serious or gloomy

synonym : fierce, harsh, gloomy

(1) **grim** reality, (2) a **grim-featured** man

The result presented a **grim** picture of inefficiency and corruption.

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.

consume

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

synonym : absorb, ingest, use up

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

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

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

scavenger

n. an animal or bird that feeds on carrion, dead animals, or other scavenged material; a person who searches for and collects discarded or unwanted items, often to sell or reuse them

synonym : vulture, hyena, magpie

(1) **scavenger** bird, (2) marine **scavenger**

Crows are common **scavengers** in urban areas and will eat almost anything.

unexpected

adj. not anticipated or regarded as likely to happen

synonym : surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

fuel *n.* a substance that is typically burned to generate heat or energy
synonym: energy, power, gas
(1) biomass **fuel**, (2) smokeless **fuel**
The **fuel** scarcity most severely impacted the manufacturing sector

interaction *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
synonym: dealings, exchange, relations
(1) the **interaction** between man and his environment,
(2) **interaction** among human beings
The **interaction** of the two groups is good for brainstorming.

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.

pathway *n.* a track that constitutes or serves as a path; an approach or a way of doing something
synonym: route, footpath, trail
(1) **pathway** to understanding, (2) cellular signaling **pathways**
When the first molecule in the **pathway** receives a signal, it activates other molecules.

poultry *n.* domesticated birds kept by humans for their eggs, meat, or feathers
synonym: fowl, chicken, birds
(1) **poultry** farming, (2) a **poultry** walk

The **poultry** farm raised chickens and turkeys for meat and eggs.

mushroom

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

synonym : fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

shellfish

n. water creatures that live in shells, especially one of the types that can be eaten

synonym : clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

Shellfish can cause allergic reactions in certain people.

catfish

n. a type of fish that has whisker-like barbels around its mouth and can often be found in freshwater habitats; (verb) to create a fake persona online and use it to deceive others, typically for personal gain or attention

synonym : bullhead, mudcat, cobbler

(1) **catfish** farm, (2) **catfish** people on the Internet

My grandfather's favorite way to spend time was fishing for **catfish** in the nearby river.

feeder

n. an animal being fattened or suitable for fattening; a device or system that supplies something to a particular recipient or process

synonym : supply, provider, dispenser

(1) **feeder** fish, (2) **feeder** artery

Many different types of birds visited the bird **feeder**.

by-product

n. a secondary product produced during the manufacturing or processing of another product, often not the intended product but still useful or valuable in some way

synonym : derivative, spin-off, secondary product

(1) **by-product** of manufacturing, (2) meat **by-products**

The soy sauce was a **by-product** of the fermentation process in making miso paste.

garbage

n. waste material, especially food waste and kitchen refuse
synonym: waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

Session 2: Spelling

1. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
2. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
3. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
4. tr_____rm heat into power *v.* to change in outward structure or looks;
5. sc_____er bird *n.* an animal or bird that feeds on carrion, dead animals, or other scavenged material; a person who searches for and collects discarded or unwanted items, often to sell or reuse them
6. the ul_____te luxury *adj.* furthest or highest in degree or order
7. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
8. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
9. fe___r artery *n.* an animal being fattened or suitable for fattening; a device or system that supplies something to a particular recipient or process

ANSWERS: 1. complexity, 2. fungus, 3. consume, 4. transform, 5. scavenger, 6. ultimate, 7. photosynthesis, 8. oxygen, 9. feeder

10. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
11. edible sh_____sh *n.* water creatures that live in shells, especially one of the types that can be eaten
12. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen
13. combined ox___e *n.* a chemical compound that contains at least one oxygen atom and one other element
14. artificial cr_____re *n.* a living being, especially an animal
15. mu_____om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
16. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
17. ter_____al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
18. a g___m-featured man *adj.* looking or sounding very serious or gloomy
19. de_____us pile *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

ANSWERS: 10. molecule, 11. shellfish, 12. unexpected, 13. oxide, 14. creature, 15. mushroom, 16. branch, 17. terrestrial, 18. grim, 19. detritus

20. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
21. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
22. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
23. tr___e back to medieval times *v.* to find or discover someone or something that was lost
24. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
25. smokeless f___l *n.* a substance that is typically burned to generate heat or energy
26. marine sc_____er *n.* an animal or bird that feeds on carrion, dead animals, or other scavenged material; a person who searches for and collects discarded or unwanted items, often to sell or reuse them
27. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
28. ex___l him from his native country *v.* to officially force someone to leave a school, organization, or country
29. po_____y farming *n.* domesticated birds kept by humans for their eggs, meat, or feathers
30. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 20. eventually, 21. carbon, 22. interaction, 23. trace, 24. microbe, 25. fuel, 26. scavenger, 27. eventually, 28. expel, 29. poultry, 30. pathway

31. s__m of the earth *n.* a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
32. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
33. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
34. p__d water *n.* a small, shallow lake
35. the ul____te goal in life *adj.* furthest or highest in degree or order
36. a di____ve enzyme *adj.* relating to or capable of causing or promoting digestion of food
37. a glare of su____ht *n.* the light emitted by the sun; the rays of the sun
38. ind____ly related *adv.* not going straight to the point; implying or suggesting something
39. educational ill____ion *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
40. eat or____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
41. of____d a customer *v.* to cause someone to feel upset, angry, or annoyed

ANSWERS: 31. scum, 32. chain, 33. reef, 34. pond, 35. ultimate, 36. digestive, 37. sunlight, 38. indirectly, 39. illustration, 40. organic, 41. offend

42. g__m reality *adj.* looking or sounding very serious or gloomy
43. or____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
44. de____us removal *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
45. in direct su____ht *n.* the light emitted by the sun; the rays of the sun
46. sa____ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
47. ill____ion artist *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
48. tropical sa____ah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
49. se____te video into chapter *v.* to force, take, or pull apart; mark as different
50. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 42. grim, 43. organic, 44. detritus, 45. sunlight, 46. savannah, 47. illustration, 48. savannah, 49. separate, 50. oxide

51. a po____y walk *n.* domesticated birds kept by humans for their eggs, meat, or feathers
52. lump of ga____e *n.* waste material, especially food waste and kitchen refuse
53. de____e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
54. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
55. ca____h people on the Internet *n.* a type of fish that has whisker-like barbels around its mouth and can often be found in freshwater habitats; (verb) to create a fake persona online and use it to deceive others, typically for personal gain or attention
56. tr____rm an education system *v.* to change in outward structure or looks;
57. bathtub s__m *n.* a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
58. und____nd activist *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
59. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 51. poultry, 52. garbage, 53. degree, 54. chain, 55. catfish, 56. transform, 57. scum, 58. underground, 59. stem

68. pa____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
69. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
70. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
71. sh_____sh allergy *n.* water creatures that live in shells, especially one of the types that can be eaten
72. ca____h farm *n.* a type of fish that has whisker-like barbels around its mouth and can often be found in freshwater habitats; (verb) to create a fake persona online and use it to deceive others, typically for personal gain or attention
73. a garden p__d *n.* a small, shallow lake
74. bachelor's de____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
75. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
76. some une_____ed events *adj.* not anticipated or regarded as likely to happen

ANSWERS: 68. pathway, 69. carbon, 70. represent, 71. shellfish, 72. catfish, 73. pond, 74. degree, 75. molecule, 76. unexpected

77. of___d his sensibilities *v.* to cause someone to feel upset, angry, or annoyed
78. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
79. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
80. radioactive de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
81. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
82. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
83. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
84. no_____h hope *v.* to provide a person, an animal, or plant with food to make them grow and stay healthy
85. water flowing und_____nd *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
86. cr_____re of habit *n.* a living being, especially an animal

ANSWERS: 77. offend, 78. photosynthesis, 79. consume, 80. decay, 81. separate, 82. reef, 83. ecosystem, 84. nourish, 85. underground, 86. creature

87. ter_____al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
88. di_____ve juices *adj.* relating to or capable of causing or promoting digestion of food
89. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
90. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
91. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
92. biomass f__l *n.* a substance that is typically burned to generate heat or energy
93. ind_____ly impact *adv.* not going straight to the point; implying or suggesting something
94. blood gl_____e test *n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things
95. ex__l air from the lungs *v.* to officially force someone to leave a school, organization, or country
96. br___h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
97. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 87. terrestrial, 88. digestive, 89. rot, 90. oxygen, 91. environment, 92. fuel, 93. indirectly, 94. glucose, 95. expel, 96. branch, 97. stem

98. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
99. symbiotic fu___s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
100. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
101. no_____h damaged skin *v.* to provide a person, an animal, or plant with food to make them grow and stay healthy
102. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
103. tr___e a telephone call *v.* to find or discover someone or something that was lost
104. ga_____e collection *n.* waste material, especially food waste and kitchen refuse
105. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
106. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 98. complexity, 99. fungus, 100. represent, 101. nourish, 102. ecosystem, 103. trace, 104. garbage, 105. microbe, 106. environment

Session 3: Fill in the Blanks

1. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease

2. The result presented a _____ picture of inefficiency and corruption.
adj. looking or sounding very serious or gloomy

3. Trees absorb _____ dioxide and give off oxygen.
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

4. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

5. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order

6. The _____ farm raised chickens and turkeys for meat and eggs.
n. domesticated birds kept by humans for their eggs, meat, or feathers

7. The freshwater _____ was home to many different types of fish and was a popular spot for fishing.
n. a small, shallow lake

8. Many different types of birds visited the bird _____.
n. an animal being fattened or suitable for fattening; a device or system that supplies something to a particular recipient or process

ANSWERS: 1. Microbes, 2. grim, 3. carbon, 4. oxygen, 5. ultimate, 6. poultry, 7. pond, 8. feeder

9. The _____ in the book helped me understand the concept better.
- n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
10. Having _____ parking has been very beneficial throughout the winter.
- adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
11. The blood's red coloring comes from iron _____.
- n.* a chemical compound that contains at least one oxygen atom and one other element
12. The soy sauce was a _____ of the fermentation process in making miso paste.
- n.* a secondary product produced during the manufacturing or processing of another product, often not the intended product but still useful or valuable in some way
13. She received her _____ in psychology from the university.
- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
14. The vessel ran aground on a _____.
- n.* a long chain or range of rocks or sand near the ocean's surface
15. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
- n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 9. illustration, 10. underground, 11. oxide, 12. by-product, 13. degree, 14. reef, 15. fungus

16. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
17. _____ longitude is measured in degrees east or west of the Prime Meridian.
- adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
18. The ____ on the pond's surface made seeing the fish swimming below difficult.
- n.* a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
19. In _____ plants use carbon dioxide to feed themselves.
- n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
20. My grandfather's favorite way to spend time was fishing for _____ in the nearby river.
- n.* a type of fish that has whisker-like barbels around its mouth and can often be found in freshwater habitats; (verb) to create a fake persona online and use it to deceive others, typically for personal gain or attention
21. Crows are common _____ in urban areas and will eat almost anything.
- n.* an animal or bird that feeds on carrion, dead animals, or other scavenged material; a person who searches for and collects discarded or unwanted items, often to sell or reuse them

ANSWERS: 16. interaction, 17. Terrestrial, 18. scum, 19. photosynthesis, 20. catfish, 21. scavengers

22. The _____ rainstorm caused the collapse of the corral.
adj. not anticipated or regarded as likely to happen
23. The mother used her breast milk to _____ the baby.
v. to provide a person, an animal, or plant with food to make them grow and stay healthy
24. The _____ on my bike broke, leaving me stranded.
n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
25. The beach was littered with _____ and trash left behind by careless visitors.
n. waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
26. My father's death _____ my life completely.
v. to change in outward structure or looks;
27. When the first molecule in the _____ receives a signal, it activates other molecules.
n. a track that constitutes or serves as a path; an approach or a way of doing something
28. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
29. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 22. unexpected, 23. nourish, 24. chain, 25. detritus, 26. transformed, 27. pathway, 28. garbage, 29. eventually

30. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
31. _____ can cause allergic reactions in certain people.
n. water creatures that live in shells, especially one of the types that can be eaten
32. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
33. His rude comments _____ many people at the party.
v. to cause someone to feel upset, angry, or annoyed
34. The CEO _____ expressed her disappointment with the project's progress.
adv. not going straight to the point; implying or suggesting something
35. The _____ risotto was delicious, but I couldn't identify all the mushrooms in it.
n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
36. A nutritious diet improves _____ functions.
adj. relating to or capable of causing or promoting digestion of food
37. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
38. Please refrigerate the meat, or it will _____.
v. to decay, or cause something to decay, naturally and gradually

ANSWERS: 30. complexity, 31. Shellfish, 32. fuel, 33. offended, 34. indirectly, 35. mushroom, 36. digestive, 37. environment, 38. rot

39. The dead body was in an advanced state of _____.
- n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
40. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
41. A rose has thorns on its _____.
- n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
42. He took a big drag of his cigarette and slowly _____ the smoke.
- v.* to officially force someone to leave a school, organization, or country
43. The shape of the DNA _____ is a double helix.
- n.* a group of two or more atoms held together by attractive forces known as chemical bonds
44. The doctor injected _____ into his patient's veins.
- n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things
45. The birds live in tropical forests, _____ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
46. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 39. decay, 40. separate, 41. stem, 42. expelled, 43. molecule, 44. glucose, 45. savannahs, 46. ecosystem

47. The _____ of the tree had fallen and blocked the road.

- n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

48. Radiation from _____ has a different wavelength.

- n.* the light emitted by the sun; the rays of the sun

49. The kidney is an _____ component of the body.

- adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

50. The deep sea _____ was unlike anything the scientists had ever seen before.

- n.* a living being, especially an animal

51. Let's _____ the origins of some familiar foreign words.

- v.* to find or discover someone or something that was lost

52. 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

53. A smaller car will _____ less fuel.

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

ANSWERS: 47. branch, 48. sunlight, 49. organic, 50. creature, 51. trace, 52. represent, 53. consume