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Vocabulary Builder Reference from...

Joe Landolina: This gel can make you stop bleeding instantly | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

battlefield

n. a place where a battle or conflict is fought

synonym: warzone, front line, combat area

(1) **battlefield** casualties, (2) tactics on the **battlefield**

The general reviewed the plans for the upcoming battle on the **battlefield**.

bullet

n. a metal projectile that is shot from a gun

synonym: projectile, slug, shot

(1) **bullet** wound, (2) **bullet** train

The stray **bullet** went through the window and hit the wall.

sever

v. to break or separate something by cutting, especially suddenly and forcibly

synonym: cut apart, separate, detach

(1) **sever** a rope, (2) **sever** a positive relationship

He **severed** a branch from a tree quickly.

artery

n. one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.

synonym: blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease

Continuous consumption of fatty foods leads to the hardening

of the **artery**.

traumatic

adj. relating to or caused by injury, especially emotional injury

synonym: distressing

(1) **traumatic** event, (2) **traumatic** brain injury

The experience was so **traumatic** that it left a lasting impact on the survivor's mental health.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

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

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

medic

n. a person trained to provide medical care, especially in an emergency

synonym: paramedic, medical professional

(1) **medic** unit, (2) military **medic**

The army **medic** arrived on the scene to provide medical assistance.

belt

v. to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

synonym: sing, hit hard, (noun) strap

(1) **belt** him in the face, (2) leather **belt**

The band was **belting** out old songs in response to audience requests.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym: armed, martial, warlike

(1) a **military** operation, (2) a **military** leader

The **military** academy was known for its strict discipline and training.

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

medical

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

synonym: health, disease, treatment

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

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

develop

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

synonym: evolve, progress, advance

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

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

biomaterial

n. a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues

(1) **biomaterial** development, (2) **biomaterials** industry

The new **biomaterials** used in implants are more durable and less likely to cause an immune response.

heal

v. to make a wound or injury to become well again

synonym: recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind

It will take time for her mental scars to **heal**.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

mesh

n. a material made of a network of wire, plastic, or thread

synonym: netting, weave, lattice

(1) a **mesh** fence, (2) the **mesh** of a basket

The **mesh** fabric was breathable and comfortable to wear.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

fiber

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

synonym: yarn, thread, wool

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

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

protein

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

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

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

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym: organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

matrix

n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

synonym: grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

structure

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

synonym: construction, architecture, establishment

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

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

tissue

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

synonym: structure, texture, anatomy

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

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

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

vary

v. to become different in terms of size, shape, etc.

synonym: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

canopy

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

synonym: cover, top, shade

(1) **canopy** layer, (2) under a **canopy** of smoke

The forest's **canopy** provides shade and protection for the plants and animals below.

understory

n. the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland

synonym: underbrush, brushwood, forest floor

(1) **understory** vegetation, (2) **understory** habitat

The forest's **understory** is home to many plants and animals.

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.

diverse

adj. including numerous categories of individuals or entities;
various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents
New York is a city with a **diverse** ethnic population.

dimension

n. a measurable extent of a particular kind, such as width,
height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**
Overall **dimensions** are approximately 400x200mm.

responsible

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

synonym: accountable, answerable, liable

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

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

healing

n. the process of becoming or making somebody or
something well again

synonym: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process
Each ancient tribe has its **healing** traditions.

rebuild

v. to build again or anew

synonym: reconstruct, renovate, restore

(1) **rebuild** a company, (2) **rebuild** communities

They are planning to **rebuild** the house after the fire.

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.

scar

n. a mark that remains on the skin after a wound has healed

synonym: blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

animation

n. the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave

synonym: motion, movement, liveliness

(1) **animation** studio, (2) **animation** film

The **animation** of the characters in the movie was so realistic, and it was as if they were there.

approximate

adj. nearly accurate or correct, but not completely so

synonym: rough, close, near

(1) linear **approximate** equation, (2) **approximate** time

The **approximate** cost of the project was estimated to be around \$500,000.

freshman

n. a first-year student, typically in college or high school

synonym: freshie, newcomer, rookie

(1) **freshman** orientation, (2) **freshman** year

The **freshman** class was excited to start their first year of college.

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**.

derive

v. to obtain or receive something from a source

synonym: deduce, judge, infer

(1) **derive** a conclusion, (2) **derive** knowledge from books

These English words are **derived** from Latin.

polymer

n. a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

(1) **polymer** fiber, (2) biological **polymer**

We are developing plant-derived **polymers** to reduce environmental impact.

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

synonym: jelly, goo, paste

(1) **gel** nail polish, (2) antibacterial **gel**

I must use hair **gel** to style my hair for the job interview.

bunch

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

synonym: group, assemblage, bundle

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

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

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario
He had painted the wood to **simulate** stone.

warn

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

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan
I attempted to **warn** him, but he ignored me.

introduction

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

synonym: initiation, preamble, prologue

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

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

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

fibrin

n. a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes

synonym: clot, coagulation, thrombus

(1) **fibrin** clot, (2) **fibrin** formation

The doctor applied **fibrin** sealant to help the wound heal and prevent infection.

clot *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
synonym: clump, coagulation, thrombus

(1) blood **clot**, (2) **clot** prevention

The **clot** in the blood vessel required immediate medical attention.

veterinarian *n.* (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
synonym: vet, animal doctor, pet doctor

(1) **veterinarian** clinic, (2) experienced **veterinarian**

I took my pet to the **veterinarian** for a routine check-up.

diligent *adj.* showing or characterized by care and effort in your work or duties
synonym: active, engaged, assiduous

(1) a **diligent** person, (2) a **diligent** search of the files

The **diligent** detective investigated all clues.

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.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. new di_____on | <i>n.</i> a measurable extent of a particular kind, such as width, height, or length |
| 2. de___e knowledge from books | <i>v.</i> to obtain or receive something from a source |
| 3. the st_____re of a machine | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |
| 4. imm_____ly recall a product | <i>adv.</i> now or without delay |
| 5. inc_____ly cheerful character | <i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely |
| 6. re_____d a company | <i>v.</i> to build again or anew |
| 7. re_____r approval ratings | <i>v.</i> to return to a former condition, health, mind, or strength |
| 8. bio_____al development | <i>n.</i> a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues |
| 9. po_____r fiber | <i>n.</i> a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules |
| 10. de_____p a skill | <i>v.</i> to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created |

ANSWERS: 1. dimension, 2. derive, 3. structure, 4. immediately, 5. incredibly, 6. rebuild, 7. recover, 8. biomaterial, 9. polymer, 10. develop

- | | |
|----------------------------------|---|
| 11. a bu__h of schoolgirls | <i>n.</i> a grouping of several similar things which are growing or fastened together |
| 12. h__l a broken bone | <i>v.</i> to make a wound or injury to become well again |
| 13. bio_____als industry | <i>n.</i> a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues |
| 14. biological po_____r | <i>n.</i> a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules |
| 15. me__c unit | <i>n.</i> a person trained to provide medical care, especially in an emergency |
| 16. a person of di_____e talents | <i>adj.</i> including numerous categories of individuals or entities; various |
| 17. carry a s__r | <i>n.</i> a mark that remains on the skin after a wound has healed |
| 18. h__l the hurt mind | <i>v.</i> to make a wound or injury to become well again |
| 19. a facial ti___e | <i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function |
| 20. com_____ty theory | <i>n.</i> the state or quality of being complicated or intricate and difficult to understand |
| 21. g_l nail polish | <i>n.</i> a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid |

ANSWERS: 11. bunch, 12. heal, 13. biomaterial, 14. polymer, 15. medic, 16. diverse, 17. scar, 18. heal, 19. tissue, 20. complexity, 21. gel

22. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
23. an_____on studio *n.* the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
24. und_____ry habitat *n.* the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland
25. a mi_____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
26. v__y directly with the price *v.* to become different in terms of size, shape, etc.
27. ar___y blockage *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
28. antibacterial g_l *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
29. leather b__t *v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

ANSWERS: 22. tissue, 23. animation, 24. understory, 25. military, 26. vary, 27. artery, 28. gel, 29. belt

30. v__y according to the age v. to become different in terms of size, shape, etc.
31. si____te climate change v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
32. re_____ze achievement v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
33. an_____on film n. the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
34. risk of coronary ar___y disease n. one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
35. stress pr_____n n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
36. fr_____an year n. a first-year student, typically in college or high school
37. a m__h fence n. a material made of a network of wire, plastic, or thread

ANSWERS: 30. vary, 31. simulate, 32. recognize, 33. animation, 34. artery, 35. protein, 36. freshman, 37. mesh

38. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
39. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
40. a di_____nt person *adj.* showing or characterized by care and effort in your work or duties
41. ma___x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
42. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
43. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
44. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
45. even more unf_____ely *adv.* by bad luck; unluckily
46. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 38. epidemic, 39. incredibly, 40. diligent, 41. matrix, 42. protein, 43. complexity, 44. structure, 45. unfortunately, 46. introduction

47. part of the he_____g process *n.* the process of becoming or making somebody or something well again
48. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
49. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
50. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
51. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
52. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
53. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
54. ca___y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
55. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 47. healing, 48. dimension, 49. warn, 50. warn, 51. medical, 52. responsible, 53. fiber, 54. canopy, 55. develop

56. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
57. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
58. und_____ry vegetation *n.* the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland
59. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
60. not no_____ly drink much *adv.* usually; under normal conditions
61. se__r a positive relationship *v.* to break or separate something by cutting, especially suddenly and forcibly
62. de___e a conclusion *v.* to obtain or receive something from a source
63. tactics on the bat_____ld *n.* a place where a battle or conflict is fought
64. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
65. blood c__t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

ANSWERS: 56. rainforest, 57. medical, 58. understory, 59. introduction, 60. normally, 61. sever, 62. derive, 63. battlefield, 64. simulate, 65. clot

66. under a ca___y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
67. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
68. a mi___ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
69. unf_____ely caught in a shower *adv.* by bad luck; unluckily
70. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
71. vet_____ian clinic *n.* (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
72. fr_____an orientation *n.* a first-year student, typically in college or high school
73. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
74. health ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
75. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 66. canopy, 67. complicated, 68. military, 69. unfortunately, 70. liver, 71. veterinarian, 72. freshman, 73. complicated, 74. epidemic, 75. recognize

76. experienced vet_____ian *n.* (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
77. bat_____ld casualties *n.* a place where a battle or conflict is fought
78. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
79. tr_____ic event *adj.* relating to or caused by injury, especially emotional injury
80. app_____te time *adj.* nearly accurate or correct, but not completely so
81. re_____r a loss *v.* to return to a former condition, health, mind, or strength
82. bu____t wound *n.* a metal projectile that is shot from a gun
83. natural he_____g ability *n.* the process of becoming or making somebody or something well again
84. 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
85. as_____le your colleagues *v.* to collect in one place as a single group
86. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
87. tr_____ic brain injury *adj.* relating to or caused by injury, especially emotional injury

ANSWERS: 76. veterinarian, 77. battlefield, 78. diverse, 79. traumatic, 80. approximate, 81. recover, 82. bullet, 83. healing, 84. discovery, 85. assemble, 86. cellular, 87. traumatic

88. linear app_____te equation *adj.* nearly accurate or correct, but not completely so
89. burn s__r *n.* a mark that remains on the skin after a wound has healed
90. re__t at a high temperature *v.* to take action in response to something
91. write him an answer imm_____ly *adv.* now or without delay
92. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
93. b__t him in the face *v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
94. fatty li__r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
95. a ce_____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
96. the m__h of a basket *n.* a material made of a network of wire, plastic, or thread
97. complete no_____ly *adv.* usually; under normal conditions
98. fi___n formation *n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes

ANSWERS: 88. approximate, 89. scar, 90. react, 91. immediately, 92. responsible, 93. belt, 94. liver, 95. cellular, 96. mesh, 97. normally, 98. fibrin

99. re____d communities *v.* to build again or anew
100. military me__c *n.* a person trained to provide medical care, especially in an emergency
101. the ma___x of Western civilization *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
102. bu___t train *n.* a metal projectile that is shot from a gun
103. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
104. a di_____nt search of the files *adj.* showing or characterized by care and effort in your work or duties
105. 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
106. re__t against his way of thinking *v.* to take action in response to something
107. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
108. fi___n clot *n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes
109. c__t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

ANSWERS: 99. rebuild, 100. medic, 101. matrix, 102. bullet, 103. bunch, 104. diligent, 105. discovery, 106. react, 107. fiber, 108. fibrin, 109. clot

110. tropical rai_____st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
111. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
112. se__r a rope *v.* to break or separate something by cutting, especially suddenly and forcibly

ANSWERS: 110. rainforest, 111. assemble, 112. sever

Session 3: Fill in the Blanks

1. The forest's _____ provides shade and protection for the plants and animals below.
 - n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
2. The _____ of the characters in the movie was so realistic, and it was as if they were there.
 - n.* the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
3. The _____ cost of the project was estimated to be around \$500,000.
 - adj.* nearly accurate or correct, but not completely so
4. The new _____ used in implants are more durable and less likely to cause an immune response.
 - n.* a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
5. He did _____ pen-and-ink drawings in just a few days.
 - adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
6. The forest's _____ is home to many plants and animals.
 - n.* the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland
7. The _____ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.
 - n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 1. canopy, 2. animation, 3. approximate, 4. biomaterials, 5. complicated,

6. understory, 7. matrix

8. I must use hair ____ to style my hair for the job interview.
- n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
9. The experience was so _____ that it left a lasting impact on the survivor's mental health.
- adj.* relating to or caused by injury, especially emotional injury
10. The _____ to the new class was informative and engaging.
- n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
11. Each ancient tribe has its _____ traditions.
- n.* the process of becoming or making somebody or something well again
12. 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
13. The ____ fabric was breathable and comfortable to wear.
- n.* a material made of a network of wire, plastic, or thread
14. We must consume dietary _____ to maintain good health.
- n.* thread or filament used to make a vegetable tissue, mineral material, or textile
15. I attempted to ____ him, but he ignored me.
- v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

ANSWERS: 8. gel, 9. traumatic, 10. introduction, 11. healing, 12. complexity, 13. mesh, 14. fiber, 15. warn

16. The _____ in the blood vessel required immediate medical attention.
- n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
17. 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
18. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
19. This factory employs a _____ manufacturing system.
- adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
20. The destruction of the _____ is a ticking time bomb for the Earth.
- n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
21. He had painted the wood to _____ stone.
- v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
22. Even after the wound has healed, a _____ remains.
- n.* a mark that remains on the skin after a wound has healed
23. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 16. clot, 17. discovery, 18. structure, 19. cellular, 20. rainforest, 21. simulate, 22. scar, 23. recognize

24. It will take time for her mental scars to _____.
- v.* to make a wound or injury to become well again
25. The treatments were done but, _____ were unsuccessful.
- adv.* by bad luck; unluckily
26. The doctor applied _____ sealant to help the wound heal and prevent infection.
- n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes
27. The band was _____ out old songs in response to audience requests.
- v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
28. The disease is now reaching _____ proportions in our country.
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
29. He _____ a branch from a tree quickly.
- v.* to break or separate something by cutting, especially suddenly and forcibly
30. These English words are _____ from Latin.
- v.* to obtain or receive something from a source
31. The president began to _____ an army.
- v.* to collect in one place as a single group
32. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together

ANSWERS: 24. heal, 25. unfortunately, 26. fibrin, 27. belting, 28. epidemic, 29. severed, 30. derived, 31. assemble, 32. bunch

33. The general reviewed the plans for the upcoming battle on the _____.
- n.* a place where a battle or conflict is fought
34. Maximum heart rates _____ a lot for each individual.
- v.* to become different in terms of size, shape, etc.
35. The _____ detective investigated all clues.
- adj.* showing or characterized by care and effort in your work or duties
36. A suspension order from the court is effective _____.
- adv.* now or without delay
37. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
38. The _____ class was excited to start their first year of college.
- n.* a first-year student, typically in college or high school
39. Several cities are experiencing _____ high unemployment rates.
- adv.* in a way that is very difficult to believe; exceedingly or extremely
40. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management

ANSWERS: 33. battlefield, 34. vary, 35. diligent, 36. immediately, 37. develop, 38. freshman, 39. incredibly, 40. responsible

41. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
42. I don't _____ take a vacation in the middle of summer.
adv. usually; under normal conditions
43. The patient will undergo _____ transplant surgery tomorrow.
n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
44. I took my pet to the _____ for a routine check-up.
n. (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
45. The _____ academy was known for its strict discipline and training.
adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
46. She is still _____ from a shot to her shoulder.
v. to return to a former condition, health, mind, or strength
47. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
48. The army _____ arrived on the scene to provide medical assistance.
n. a person trained to provide medical care, especially in an emergency

ANSWERS: 41. protein, 42. normally, 43. liver, 44. veterinarian, 45. military, 46. recovering, 47. tissue, 48. medic

49. Continuous consumption of fatty foods leads to the hardening of the _____.
- n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
50. New York is a city with a _____ ethnic population.
- adj.* including numerous categories of individuals or entities; various
51. The _____ team worked quickly to save the patient's life.
- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
52. Overall _____ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
53. How did he _____ to your idea?
- v.* to take action in response to something
54. The stray _____ went through the window and hit the wall.
- n.* a metal projectile that is shot from a gun
55. We are developing plant-derived _____ to reduce environmental impact.
- n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
56. They are planning to _____ the house after the fire.
- v.* to build again or anew

ANSWERS: 49. artery, 50. diverse, 51. medical, 52. dimensions, 53. react, 54. bullet, 55. polymers, 56. rebuild