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Deborah Rhodes: A test that finds 3x more breast tumors, and why it's not available to you | TED Talk
https://www.ted.com/talks/deborah_rhodes_a_test_that_finds_3x_more_breast_tumors_and_why_it_s_not_available_to_you

Advanced Words Only

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Session 1: Word List

mammography

n. the process of using X-rays to examine the breast for the early detection of breast cancer

synonym: breast imaging, mammogram, breast X-ray

(1) diagnostic **mammography**, (2) digital **mammography**

Women should get regular **mammography** screenings as a preventative measure for breast cancer.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

synonym: medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

ache

v. to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain

synonym: hurt, throb, smart

(1) **ache** abominably, (2) **ache** all the time

I **ache** all over after running a marathon yesterday.

benign

adj. kind and gentle; not harmful or malicious

synonym: kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

chant

n. a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

synonym: hymn, mantra, (verb) recite

(1) **chant** melodies, (2) **chant** in the chapel

The soccer game crowd broke into a **chant** of "Go, team, go!"

firestorm

n. a large and destructive fire that is fueled by strong winds and thermal updrafts, often resulting in a whirlwind of flames and debris; a situation or event that is marked by intense and widespread emotional or social upheaval or turmoil

synonym: conflagration, inferno, blaze

(1) **firestorm** damage, (2) political **firestorm**

The company's announcement of mass layoffs triggered a **firestorm** of anger among the employees

erupt

v. (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently

synonym: eject, emit, burst

(1) **erupt** in anger, (2) **erupt** into tears

Battles between whites and blacks **erupted** immediately.

Senate

n. a legislative body, especially the upper house of a parliament

synonym: upper house, council, assembly

(1) **Senate** hearing, (2) **Senate** Finance Committee

The **Senate** majority leader announced plans to bring the bill to the floor for a vote.

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.

outrage

n. an intense feeling of anger or indignation in response to something that is perceived as unfair, unjust, or offensive; a public display of anger or protest against such injustices

synonym: indignation, fury, anger

(1) public **outrage**, (2) **outrage** over injustice

There was widespread **outrage** over the government's handling of the situation.

epithelial

adj. relating to the layer of cells that covers the majority of the body's surfaces

(1) **epithelial** surface, (2) **epithelial** layer

The majority of cells in the lung are **epithelial** cells.

menopause

n. the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55

synonym: climacteric, midlife transition

(1) **menopause** symptoms, (2) before **menopause**

The onset of **menopause** can bring about various physical and emotional changes in women.

classify

v. to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties

synonym: categorize, sort, arrange

(1) **classify** images, (2) **classify** emails into folders

I need to **classify** these documents for the upcoming audit.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

glandular

adj. relating to or involving glands, which are small organs that secrete substances essential for bodily functions

synonym: hormonal, endocrine

(1) **glandular** disorder, (2) **glandular** fever

Glandular secretions in the mouth help to lubricate and digest food.

biopsy

n. the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

synonym: examination, autopsy

(1) **biopsy** of bone marrow, (2) liquid **biopsy**

The doctor performed an excisional breast **biopsy**.

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.

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across

ecosystems

Sugar is **ubiquitous** in food.

orchestrate

v. to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music

synonym: plan, coordinate, arrange

(1) **orchestrate** a takeover, (2) **orchestrate** the political reinstatement

He carefully **orchestrated** the details of his business plan.

innovate

v. to introduce new methods, ideas, or products

synonym: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

physicist

n. a scientist who specializes in the field of physics

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

Einstein was an outstanding and famous **physicist** of the 20th century.

disturb

v. to interrupt someone who is trying to work, sleep, etc.

synonym: agitate, bother, intrude

(1) **disturb** the peace, (2) **disturb** his sleep

Tourists frequently **disturb** the island's delicate natural balance.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

serendipity

n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery

synonym : luck, chance, fortune

(1) **serendipity** moment, (2) **serendipity** discovery

The discovery of penicillin was a result of **serendipity**.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym : consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

bulky

adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy

synonym : large, cumbersome, unwieldy

(1) **bulky** material, (2) **bulky** packaging

The **bulky** furniture made it difficult to move around the small room.

scintillate

v. to sparkle or shine brightly; to emit flashes of light; to be animated, brilliant, or lively in conversation or performance

synonym : sparkle, twinkle, glitter

(1) **scintillate** conversation, (2) **scintillate** in the moonlight

Her eyes **scintillated** with excitement as she opened her birthday presents.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

intern

v. to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill

qualification criteria

synonym: apprentice, trainee, student

(1) **intern** civilians, (2) medical **intern**

The navy **interned** ships of defeated nations.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym: medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

entrenched

adj. established firmly and securely

synonym: deep-rooted, confirmed, ingrained

(1) **entrenched** ideas, (2) **entrenched** positions

The monarch exploited the peasants using its **entrenched** power.

skepticism

n. an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

synonym: distrust, doubt, suspicion

(1) natural **skepticism**, (2) **skepticism** toward bureaucracy

This party expresses **skepticism** about the efficacy of the health insurance system.

understatement

n. an expression that describes something as less important or serious than it really is

synonym: minimization, underplay, underrating

(1) with a certain **understatement**, (2) master of **understatement**

It's just a small fire, the firefighter said, in a classic **understatement**.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

tracer

n. a substance or device that makes something visible or distinguishable by leaving a visible mark or path behind it; a person or thing that traces, tracks, or follows; (of graphics) a tool or technique used to produce a precise outline of an image

synonym : detector, tracker

(1) radioactive **tracer**, (2) biological **tracer**

The **tracer** gun fired a bright light that helped the hunters find their prey in the dark.

proliferate

v. to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner

synonym : multiply, spread, propagate

(1) **proliferate** cells, (2) **proliferate** weeds

The number of COVID cases continued to **proliferate** in many countries worldwide.

impervious

adj. unable to be affected by something; not allowing something to pass through, especially fluid; unresponsive or indifferent to criticism or persuasion

synonym : impregnable, invulnerable, indestructible

(1) **impervious** to criticism, (2) **impervious** material

The jacket is **impervious** to water and will keep you dry in the rain.

aft

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

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

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

blur *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

synonym: smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

profoundly *adv.* to a great or complete degree; deeply

synonym: deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

elated *adj.* extremely happy, joyful, or excited, often as a result of success or achievement

synonym: joyful, thrilled, ecstatic

(1) **elated** mood, (2) **elated** expression

She was **elated** when she found out she got the job she had hoped for.

correlate *v.* to have a connection or relationship in which one thing affects or depends on another

synonym: associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

worrisome *adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm

synonym: concerning, troubling, bothersome

(1) **worrisome** issue, (2) **worrisome** development

The **worrisome** news about the impending storm caused many people to evacuate.

lymph

n. a colorless fluid containing white blood cells that carry waste matter away from body tissue and help to prevent infections from spreading

(1) **lymph** vessel, (2) **lymph** flow

There was a massive swelling of the **lymph** nodes.

nod

v. to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation

synonym: respond, acknowledge, greet

(1) **nod** at each other, (2) **nod** courteously

She **noded** quietly in response to the question.

quo

n. the existing state or condition of something, especially in relation to a particular situation or issue

synonym: status, condition, state

(1) status **quo** politician, (2) **quo** warranto

The company has been successful in maintaining the status **quo**.

reconsider

v. to think about a decision or opinion again to

synonym: rethink, review, revisit

(1) **reconsider** the determination, (2) **reconsider** my transfer

He humbly **reconsidered** his conduct.

replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

synonym: duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

stun

v. to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly

synonym: shock, amaze, astound

(1) **stun** fish, (2) **stun** an audience

This sprinter **stunned** the world with his speed.

menstrual

adj. of or relating to the time when a woman menstruates (= to discharge the blood from the uterus) each month

synonym : catamenial

(1) a **menstrual** period, (2) **menstrual** blood

The average length of a woman's **menstrual** cycle is 21 to 35 days.

ardent

adj. having or showing a strong enthusiasm or devotion; passionate

synonym : passionate, fervent, eager

(1) **ardent** supporter, (2) **ardent** love

His **ardent** desire to succeed motivated him to work harder.

individualize

v. to make something personal or more personal to suit the needs of a particular person, place, etc.

synonym : personalize, differentiate

(1) **individualize** each patient, (2) **individualize** dosages

Our schools offer **individualized** education by excellent teachers.

prophylactic

adj. capable of preventing disease or intended to prevent disease

synonym : preventative, protective, preventive

(1) a **prophylactic** drug, (2) **prophylactic** protocol

The doctor carried out vaccination and other **prophylactic** measures.

mastectomy

n. a surgical operation to remove all or part of a breast, most often as a treatment for breast cancer or other malignant tumors

synonym : surgery, breast removal, excision

(1) double **mastectomy**, (2) undergo a **mastectomy**

She had to have a **mastectomy** after being diagnosed with

breast cancer.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

Session 2: Spelling

1. natural ske_____sm *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
2. in_____te the quality of his life *v.* to introduce new methods, ideas, or products
3. ou_____e over injustice *n.* an intense feeling of anger or indignation in response to something that is perceived as unfair, unjust, or offensive; a public display of anger or protest against such injustices
4. de____t a feeling of isolation *v.* to illustrate someone or something in a photograph
5. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
6. ly__h flow *n.* a colorless fluid containing white blood cells that carry waste matter away from body tissue and help to prevent infections from spreading
7. wo_____me issue *adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm
8. sci_____te conversation *v.* to sparkle or shine brightly; to emit flashes of light; to be animated, brilliant, or lively in conversation or performance

ANSWERS: 1. skepticism, 2. innovate, 3. outrage, 4. depict, 5. improvisation, 6. lymph, 7. worrisome, 8. scintillate

9. imp_____us material *adj.* unable to be affected by something; not allowing something to pass through, especially fluid; unresponsive or indifferent to criticism or persuasion
10. a__e abominably *v.* to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
11. fi_____rm damage *n.* a large and destructive fire that is fueled by strong winds and thermal updrafts, often resulting in a whirlwind of flames and debris; a situation or event that is marked by intense and widespread emotional or social upheaval or turmoil
12. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
13. undergo a mas_____my *n.* a surgical operation to remove all or part of a breast, most often as a treatment for breast cancer or other malignant tumors
14. q_o warranto *n.* the existing state or condition of something, especially in relation to a particular situation or issue
15. s__n fish *v.* to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly
16. rec_____er my transfer *v.* to think about a decision or opinion again to
17. cutting-edge bio_____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 9. impervious, 10. ache, 11. firestorm, 12. correlate, 13. mastectomy, 14. quo, 15. stun, 16. reconsider, 17. biomedical

18. bi___y of bone marrow *n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
19. sc_____r around the internet *v.* to cause to separate and go in different directions
20. orc_____te a takeover *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
21. el___d mood *adj.* extremely happy, joyful, or excited, often as a result of success or achievement
22. talented ph_____st *n.* a scientist who specializes in the field of physics
23. s__n an audience *v.* to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly
24. me_____al blood *adj.* of or relating to the time when a woman menstruates (= to discharge the blood from the uterus) each month
25. in___n civilians *v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
26. n_d courteously *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation

ANSWERS: 18. biopsy, 19. scatter, 20. orchestrate, 21. elated, 22. physicist, 23. stun, 24. menstrual, 25. intern, 26. nod

27. public ou_____e *n.* an intense feeling of anger or indignation in response to something that is perceived as unfair, unjust, or offensive; a public display of anger or protest against such injustices
28. before me_____se *n.* the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55
29. di_____b his sleep *v.* to interrupt someone who is trying to work, sleep, etc.
30. ar_____t supporter *adj.* having or showing a strong enthusiasm or devotion; passionate
31. a pro_____tic drug *adj.* capable of preventing disease or intended to prevent disease
32. political fi_____rm *n.* a large and destructive fire that is fueled by strong winds and thermal updrafts, often resulting in a whirlwind of flames and debris; a situation or event that is marked by intense and widespread emotional or social upheaval or turmoil
33. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
34. diagnostic mam_____hy *n.* the process of using X-rays to examine the breast for the early detection of breast cancer
35. sci_____te in the moonlight *v.* to sparkle or shine brightly; to emit flashes of light; to be animated, brilliant, or lively in conversation or performance

ANSWERS: 27. outrage, 28. menopause, 29. disturb, 30. ardent, 31. prophylactic, 32. firestorm, 33. biomedical, 34. mammography, 35. scintillate

36. liquid bi___y *n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
37. in___te a new method *v.* to introduce new methods, ideas, or products
38. me_____se symptoms *n.* the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55
39. el___d expression *adj.* extremely happy, joyful, or excited, often as a result of success or achievement
40. 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
41. pro_____ly insightful *adv.* to a great or complete degree; deeply
42. pro_____te weeds *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
43. be___n tumor *adj.* kind and gentle; not harmful or malicious
44. er__t in anger *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
45. epi_____al surface *adj.* relating to the layer of cells that covers the majority of the body's surfaces
46. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

ANSWERS: 36. biopsy, 37. innovate, 38. menopause, 39. elated, 40. determinant, 41. profoundly, 42. proliferate, 43. benign, 44. erupt, 45. epithelial, 46. centimeter

47. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
48. a__e all the time *v.* to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
49. ind_____ize each patient *v.* to make something personal or more personal to suit the needs of a particular person, place, etc.
50. di_____b the peace *v.* to interrupt someone who is trying to work, sleep, etc.
51. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
52. ch__t melodies *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
53. wo_____me development *adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm
54. ubi_____us computing *adj.* being or existing everywhere at once
55. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
56. 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: 47. centimeter, 48. ache, 49. individualize, 50. disturb, 51. radiology, 52. chant, 53. worrisome, 54. ubiquitous, 55. grandchild, 56. disrupt

57. ly__h vessel *n.* a colorless fluid containing white blood cells that carry waste matter away from body tissue and help to prevent infections from spreading
58. n_d at each other *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
59. cl____fy emails into folders *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
60. medical in____n *v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
61. radioactive tr____r *n.* a substance or device that makes something visible or distinguishable by leaving a visible mark or path behind it; a person or thing that traces, tracks, or follows; (of graphics) a tool or technique used to produce a precise outline of an image
62. bu__y material *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
63. biological tr____r *n.* a substance or device that makes something visible or distinguishable by leaving a visible mark or path behind it; a person or thing that traces, tracks, or follows; (of graphics) a tool or technique used to produce a precise outline of an image

ANSWERS: 57. lymph, 58. nod, 59. classify, 60. intern, 61. tracer, 62. bulky, 63. tracer

64. de___t a scene *v.* to illustrate someone or something in a photograph
65. ske_____sm toward bureaucracy *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
66. status q_o politician *n.* the existing state or condition of something, especially in relation to a particular situation or issue
67. er__t into tears *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
68. ent_____ed positions *adj.* established firmly and securely
69. co___r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
70. motion b__r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
71. ser_____ty discovery *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
72. rec_____er the determination *v.* to think about a decision or opinion again to
73. digital mam_____hy *n.* the process of using X-rays to examine the breast for the early detection of breast cancer

ANSWERS: 64. depict, 65. skepticism, 66. quo, 67. erupt, 68. entrenched, 69. confer, 70. blur, 71. serendipity, 72. reconsider, 73. mammography

74. bu__y packaging *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
75. sleep pro_____ly *adv.* to a great or complete degree; deeply
76. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
77. master of und_____ent *n.* an expression that describes something as less important or serious than it really is
78. theoretical ph_____st *n.* a scientist who specializes in the field of physics
79. with a certain und_____ent *n.* an expression that describes something as less important or serious than it really is
80. imp_____us to criticism *adj.* unable to be affected by something; not allowing something to pass through, especially fluid; unresponsive or indifferent to criticism or persuasion
81. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
82. b__r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
83. gra_____ld development *n.* a child of someone's son or daughter

ANSWERS: 74. bulky, 75. profoundly, 76. confer, 77. understatement, 78. physicist, 79. understatement, 80. impervious, 81. radiology, 82. blur, 83. grandchild

84. a me_____al period *adj.* of or relating to the time when a woman menstruates (= to discharge the blood from the uterus) each month
85. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
86. orc_____te the political reinstatement *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
87. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
88. cl_____fy images *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
89. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
90. double mas_____my *n.* a surgical operation to remove all or part of a breast, most often as a treatment for breast cancer or other malignant tumors
91. ch__t in the chapel *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
92. ubi_____us across ecosystems *adj.* being or existing everywhere at once

ANSWERS: 84. menstrual, 85. aft, 86. orchestrate, 87. correlate, 88. classify, 89. medicinal, 90. mastectomy, 91. chant, 92. ubiquitous

93. gl_____ar fever *adj.* relating to or involving glands, which are small organs that secrete substances essential for bodily functions
94. traditional me_____al *adj.* of or relating to the treatment or cure of disease
95. pro_____te cells *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
96. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
97. ar____t love *adj.* having or showing a strong enthusiasm or devotion; passionate
98. pro_____tic protocol *adj.* capable of preventing disease or intended to prevent disease
99. ser_____ty moment *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
100. Se____e hearing *n.* a legislative body, especially the upper house of a parliament
101. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
102. a be____n smile *adj.* kind and gentle; not harmful or malicious
103. ent_____ed ideas *adj.* established firmly and securely

ANSWERS: 93. glandular, 94. medicinal, 95. proliferate, 96. determinant, 97. ardent, 98. prophylactic, 99. serendipity, 100. Senate, 101. aft, 102. benign, 103. entrenched

104. epi_____al layer *adj.* relating to the layer of cells that covers the majority of the body's surfaces
105. sc_____r seeds *v.* to cause to separate and go in different directions
106. ind_____ize dosages *v.* to make something personal or more personal to suit the needs of a particular person, place, etc.
107. Se___e Finance Committee *n.* a legislative body, especially the upper house of a parliament
108. 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
109. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
110. re_____te the cell *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
111. gl_____ar disorder *adj.* relating to or involving glands, which are small organs that secrete substances essential for bodily functions
112. re_____te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results

ANSWERS: 104. epithelial, 105. scatter, 106. individualize, 107. Senate, 108. disrupt, 109. improvisation, 110. replicate, 111. glandular, 112. replicate

Session 3: Fill in the Blanks

1. 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
2. The doctor carried out vaccination and other _____ measures.
adj. capable of preventing disease or intended to prevent disease
3. The ____ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
4. The discovery of penicillin was a result of _____.
n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
5. Sugar is _____ in food.
adj. being or existing everywhere at once
6. The doctor performed an excisional breast _____.
n. the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
7. He created a beautiful piece of music using only _____.
n. the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 1. disrupt, 2. prophylactic, 3. aft, 4. serendipity, 5. ubiquitous, 6. biopsy, 7. improvisation

8. She was _____ when she found out she got the job she had hoped for.
adj. extremely happy, joyful, or excited, often as a result of success or achievement
9. This party expresses _____ about the efficacy of the health insurance system.
n. an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
10. The experiment was _____ several times to ensure accuracy.
v. to make an exact copy of something; to repeat a process or experiment to confirm the results
11. I _____ all over after running a marathon yesterday.
v. to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
12. The monarch exploited the peasants using its _____ power.
adj. established firmly and securely
13. This sprinter _____ the world with his speed.
v. to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly
14. Women should get regular _____ screenings as a preventative measure for breast cancer.
n. the process of using X-rays to examine the breast for the early detection of breast cancer
15. The _____ gun fired a bright light that helped the hunters find their prey in the dark.
n. a substance or device that makes something visible or distinguishable by leaving a visible mark or path behind it; a person or thing that traces, tracks, or follows; (of graphics) a tool or technique used to produce a precise outline of an image

ANSWERS: 8. elated, 9. skepticism, 10. replicated, 11. ache, 12. entrenched, 13. stunned, 14. mammography, 15. tracer

16. The number of COVID cases continued to _____ in many countries worldwide.
- v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
17. The camera's focus was off, and the image was a _____ of colors and shapes.
- n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
18. The navy _____ ships of defeated nations.
- v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
19. The patient underwent a _____ scan to diagnose their medical condition.
- n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
20. The majority of cells in the lung are _____ cells.
- adj.* relating to the layer of cells that covers the majority of the body's surfaces
21. There was a massive swelling of the _____ nodes.
- n.* a colorless fluid containing white blood cells that carry waste matter away from body tissue and help to prevent infections from spreading
22. The company's announcement of mass layoffs triggered a _____ of anger among the employees
- n.* a large and destructive fire that is fueled by strong winds and thermal updrafts, often resulting in a whirlwind of flames and debris; a situation or event that is marked by intense and widespread emotional or social upheaval or turmoil

ANSWERS: 16. proliferate, 17. blur, 18. interned, 19. radiology, 20. epithelial, 21. lymph, 22. firestorm

23. She _____ quietly in response to the question.

- v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation

24. The average length of a woman's _____ cycle is 21 to 35 days.

- adj.* of or relating to the time when a woman menstruates (= to discharge the blood from the uterus) each month

25. The hunter's approach _____ the geese.

- v.* to cause to separate and go in different directions

26. She had to have a _____ after being diagnosed with breast cancer.

- n.* a surgical operation to remove all or part of a breast, most often as a treatment for breast cancer or other malignant tumors

27. The jacket is _____ to water and will keep you dry in the rain.

- adj.* unable to be affected by something; not allowing something to pass through, especially fluid; unresponsive or indifferent to criticism or persuasion

28. The leaders of the two countries met to _____ on the issue.

- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

29. The grandparents take care of their _____ while the parents are at work.

- n.* a child of someone's son or daughter

30. Her eyes _____ with excitement as she opened her birthday presents.

- v.* to sparkle or shine brightly; to emit flashes of light; to be animated, brilliant, or lively in conversation or performance

ANSWERS: 23. nodded, 24. menstrual, 25. scattered, 26. mastectomy, 27. impervious, 28. confer, 29. grandchild, 30. scintillated

31. The _____ news about the impending storm caused many people to evacuate.

adj. causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm

32. The soccer game crowd broke into a _____ of "Go, team, go!"

n. a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

33. _____ secretions in the mouth help to lubricate and digest food.

adj. relating to or involving glands, which are small organs that secrete substances essential for bodily functions

34. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

35. We may frequently _____ age with the frequency of disease.

v. to have a connection or relationship in which one thing affects or depends on another

36. The room was only one _____ wider than the piano, making it a tight fit.

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

37. Companies developing self-driving cars consistently _____ the emerging technologies.

v. to introduce new methods, ideas, or products

ANSWERS: 31. worrisome, 32. chant, 33. Glandular, 34. Biomedical, 35. correlate, 36. centimeter, 37. innovate

38. Tourists frequently _____ the island's delicate natural balance.

v. to interrupt someone who is trying to work, sleep, etc.

39. Our schools offer _____ education by excellent teachers.

v. to make something personal or more personal to suit the needs of a particular person, place, etc.

40. He carefully _____ the details of his business plan.

v. to plan, coordinate, or arrange something, especially skillfully or cleverly;
(noun) the act of organizing or directing the elements of a composition, especially in music

41. The novel affected her _____ causing her to question her beliefs and values.

adv. to a great or complete degree; deeply

42. His _____ desire to succeed motivated him to work harder.

adj. having or showing a strong enthusiasm or devotion; passionate

43. The company has been successful in maintaining the status ____.

n. the existing state or condition of something, especially in relation to a particular situation or issue

44. Battles between whites and blacks _____ immediately.

v. (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently

45. It's just a small fire, the firefighter said, in a classic _____.

n. an expression that describes something as less important or serious than it really is

ANSWERS: 38. disturb, 39. individualized, 40. orchestrated, 41. profoundly, 42. ardent, 43. quo, 44. erupted, 45. understatement

46. The _____ furniture made it difficult to move around the small room.
adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy
47. The lump was discovered to be _____ and no further treatment was needed.
adj. kind and gentle; not harmful or malicious
48. His son had accurately _____ the bloom.
v. to illustrate someone or something in a photograph
49. I need to _____ these documents for the upcoming audit.
v. to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
50. The onset of _____ can bring about various physical and emotional changes in women.
n. the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55
51. 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
52. The _____ majority leader announced plans to bring the bill to the floor for a vote.
n. a legislative body, especially the upper house of a parliament
53. There was widespread _____ over the government's handling of the situation.
n. an intense feeling of anger or indignation in response to something that is perceived as unfair, unjust, or offensive; a public display of anger or protest against such injustices

ANSWERS: 46. bulky, 47. benign, 48. depicted, 49. classify, 50. menopause, 51. determinant, 52. Senate, 53. outrage

54. He humbly _____ his conduct.

v. to think about a decision or opinion again to

55. The _____ properties of this herb have been known to help with various ailments.

adj. of or relating to the treatment or cure of disease

56. Einstein was an outstanding and famous _____ of the 20th century.

n. a scientist who specializes in the field of physics

ANSWERS: 54. reconsidered, 55. medicinal, 56. physicist