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Vocabulary Builder Reference from...

Yoav Medan: Ultrasound surgery -- healing without cuts | TED Talk

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

Advanced Words Only

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Session 1: Word List

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

mitzvah

n. (Judaism) a precept or commandment of the Jewish law

(1) the bar **mitzvah** ceremony, (2) bar **mitzvah** boy

For Jews, a bar **mitzvah** is an important social event.

convergent

adj. tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge

synonym: merging, meeting

(1) **convergent** beam, (2) **convergent** thinking

The similarities between the two cultures suggest **convergent** evolution.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

phantom

n. a ghost or a spirit of a dead person; something existing only in your imagination or perception

synonym: ghost, spirit, apparition

(1) a **phantom** company, (2) **phantom** limb pain

The police frantically searched for clues to the **phantom** killer.

ultrasonic

adj. having frequencies above the upper limit of human hearing

(1) **ultrasonic** sensors, (2) the **ultrasonic** dimension measurement

Another application of **ultrasonic** technology is crack depth measurement.

transducer

n. a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal

synonym: sensor, converter, detector

(1) medical **transducer**, (2) **transducer** calibration

The **transducer** in the sonar system converts electrical pulses into sound waves to detect underwater objects.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

lesion

n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease

synonym: injury, wound, damage

(1) muscle **lesion**, (2) brain **lesion**

The doctor examined the **lesion** on the patient's skin to determine if it was cancerous.

kosher

adj. conforming to Jewish dietary laws; conforming to proper or ethical standards; legitimate, lawful, or acceptable

synonym: legitimate, allowable, permissible

(1) **kosher** supermarket, (2) **kosher** deli

The synagogue offers a list of certified **kosher** products that members can refer to when grocery shopping.

lithotripsy

n. a medical procedure or technique used to break down or destroy kidney stones or other urinary tract stones using high-energy shock waves or laser technology; the process of crushing or disintegrating stones in the body through non-invasive means

synonym: shock wave lithotripsy, ultrasonic disintegration

(1) **lithotripsy** procedure, (2) endoscopic **lithotripsy**

Lithotripsy treatment has become a preferred method for many patients with kidney stones due to its non-invasive nature.

transverse

adj. lying or extending across something or from side to side

synonym: crosswise, perpendicular, lateral

(1) **transverse** section, (2) **transverse** wave

The **transverse** beam provided additional support for the structure.

intensify

v. to increase or make something increase in extent or strength

synonym: amplify, boost, strengthen

(1) **intensify** diplomatic efforts, (2) **intensify** a good relationship

Rebels have pledged to **intensify** the armed struggle against the dictatorship.

paintbrush

n. a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic

fibers attached to a handle

synonym: brush, bristle brush, artist's brush

(1) **paintbrush** stroke, (2) **paintbrush** icon

She used a flat **paintbrush** to apply the final touches to the artwork.

conceive

v. to have or develop an idea, a plan, etc. in mind; to become pregnant

synonym: imagine, envision, concoct

(1) **conceive** of an idea, (2) **conceive** a child

I can't **conceive** he'd want to harm us.

broth

n. a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews

synonym: bouillon, consomme, soup

(1) chicken **broth**, (2) remains of **broth**

I always add a bit of **broth** to my soup to give it more flavor.

lobotomy

n. a surgical procedure in which a section of the brain is removed or disconnected from the rest of the brain, often used as a treatment for mental illness in the past

synonym: brain surgery, prefrontal lobotomy, psychosurgery

(1) **lobotomy** procedure, (2) prefrontal **lobotomy**

Lobotomy surgery was once a common treatment for mental illness, but it is now considered unethical.

ponder

v. to think deeply or carefully about something

synonym: think about, consider, reflect on

(1) **ponder** divine matters, (2) **ponder** life's meaning

She sat quietly, **pondering** the difficult decision.

anatomical

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

synonym: physical, bodily, structural

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

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

neurological

adj. of or relating to the science of neurology or the nervous system

synonym : nervous, neural, brain-related

(1) fever with **neurological** signs, (2) **neurological** symptoms

The patient was diagnosed with a **neurological** disorder affecting their motor skills.

tremor

n. a small earthquake or shaking or vibrating

synonym : shaking, quivering, trembling

(1) a **tremor** of delight, (2) **tremor** frequency

The bad **tremor** caused several buildings to collapse.

legible

adj. capable of being easily read or deciphered; having clear and distinct letters or characters

synonym : readable, clear, understandable

(1) **legible** signature, (2) **legible** instructions

The teacher asked students to ensure they had **legible** handwriting so that she could easily grade their papers.

ablation

n. the surgical removal or destruction of a body part, tissue, or organ, particularly for medical purposes; the process of erosion or melting, especially by heat or friction

synonym : removal, excision, abscission

(1) endometrial **ablation**, (2) laser **ablation**

The cardiac procedure involved the **ablation** of abnormal tissue in the heart.

thalamus

n. a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

synonym : sensory gateway, brainstem

(1) **thalamus** function, (2) **thalamus** injury

Damage to the **thalamus** can lead to sensory processing disorders and disruptions in perception.

handwriting

n. the particular way in which a person writes, as distinct from printing or typing

synonym: script, penmanship, calligraphy

(1) **handwriting** identification, (2) **handwriting** sample

The **handwriting** on the note was barely legible.

rectangle

n. a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length

synonym: oblong, square, quadrangle

(1) orthogonal **rectangle**, (2) **rectangle** box

The living room had a **rectangle-shaped** coffee table in the center of it.

trapezoid

n. (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides

synonym: trapezium, trapeze

(1) the area of a **trapezoid**, (2) isosceles **trapezoid**

The building's windows were arranged in **trapezoid** shapes, giving it a modern look.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

heroic

adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

synonym : brave, courageous, daring

(1) a **heroic** poem, (2) **heroic** explorers

The **heroic** actions of individuals are now easily spread worldwide by SNS.

courageous

adj. able to face and deal with danger or fear without flinching

synonym : brave, valiant, fearless

(1) make a **courageous** decision, (2) **courageous** rescue attempt

He was a **courageous** soldier who had served his country with honor.

miraculous

adj. very effective or lucky, or completely unexpected

synonym : amazing, astonishing, awesome

(1) a **miraculous** encounter, (2) go through a **miraculous** change

He made a **miraculous** recovery.

neuropath

n. a person who suffers from a neurological disorder or disease, or the disorder itself

(1) the treatment plan of the **neuropath**, (2) **neuropath's** disorder

The **neuropath's** symptoms included weakness, numbness, and difficulty with coordination.

metastatic

adj. used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system

synonym : spreading, invasive, secondary

(1) **metastatic** disease, (2) **metastatic** spreading

Metastatic cancer has spread from its original site to other body parts.

buttock

n. either of two fleshy masses at the lower end of the human trunk, formed mainly by the gluteal muscles and used for sitting and walking; the hindquarters of an animal

synonym: cheek, rear end, behind

(1) **buttock** muscles, (2) painful **buttock**

I fell and bruised my **buttock** on the hard pavement.

forgo

v. to give up or abstain from something; to do without something that one might be entitled to

synonym: abstain, renounce, sacrifice

(1) **forgo** dessert, (2) **forgo** the luxury

We had to **forgo** our outdoor picnic because of the sudden rain.

pivotal

adj. relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something

synonym: crucial, essential, important

(1) **pivotal** moment, (2) **pivotal** role

The CEO's decision was **pivotal** in the success of the company's expansion plans.

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.

trait

n. a particular feature of your nature

synonym: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

lumpectomy

n. a surgical operation in which a tumor or lump, especially a cancerous one, is removed from the breast or other part of the body while preserving as much healthy tissue as possible

synonym: breast-conserving surgery, excisional biopsy

(1) early-stage **lumpectomy**, (2) **lumpectomy** surgery

She underwent a partial **lumpectomy** to remove the cancerous lump from her breast.

potency

n. the strength, power, or intensity of a substance, typically referring to its effectiveness, concentration, or ability to produce a desired effect

synonym: strength, power, dominance

(1) sexual **potency**, (2) nutritional **potency**

The **potency** of the medicine was evident in how quickly it relieved her pain.

incontinence

n. the involuntary leakage of urine or feces from the body

synonym: leakage, urinary incontinence, fecal incontinence

(1) urinary **incontinence**, (2) fecal **incontinence**

The elderly patient is experiencing **incontinence** and requires assistance with toileting.

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym: belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

pancreas

n. a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break

down food in the small intestine

synonym : gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

uterus

n. a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth

synonym : womb

(1) **uterus** cancer, (2) bleeding from **uterus**

The physician prescribed medication to relieve the contraction of the **uterus**.

fibroid

n. a benign tumor that grows inside or on the walls of the uterus or other smooth muscle tissue, typically composed of fibrous connective tissue

synonym : tumor, growth, cyst

(1) uterine **fibroid**, (2) **fibroid** growth

The doctor found multiple **fibroids** during the patient's ultrasound examination.

hysterectomy

n. a surgical procedure that involves the removal of part or all of the uterus, typically performed to treat certain medical conditions such as uterine cancer or severe endometriosis

synonym : uterus removal

(1) **hysterectomy** surgery, (2) post- **hysterectomy** recovery

She hesitated to undergo a **hysterectomy** because of the potential risks and side effects.

inconceivable

adj. hard to imagine or believe

synonym : unimaginable, impossible, unthinkable

(1) **inconceivable** pain, (2) **inconceivable** ideas

It would be **inconceivable** for him to alter his behavior.

Session 2: Spelling

1. fo__o dessert *v.* to give up or abstain from something; to do without something that one might be entitled to
2. chemical tr__t *n.* a particular feature of your nature
3. met_____ic spreading *adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
4. isosceles tr_____id *n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides
5. the bar mi_____h ceremony *n.* (Judaism) a precept or commandment of the Jewish law
6. urinary inc_____nce *n.* the involuntary leakage of urine or feces from the body
7. hys_____omy surgery *n.* a surgical procedure that involves the removal of part or all of the uterus, typically performed to treat certain medical conditions such as uterine cancer or severe endometriosis
8. go through a mir_____us change *adj.* very effective or lucky, or completely unexpected
9. po___r life's meaning *v.* to think deeply or carefully about something

ANSWERS: 1. forgo, 2. trait, 3. metastatic, 4. trapezoid, 5. mitzvah, 6. incontinence, 7. hysterectomy, 8. miraculous, 9. ponder

10. insect ab____n *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
11. le____e signature *adj.* capable of being easily read or deciphered; having clear and distinct letters or characters
12. remains of br__h *n.* a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews
13. op____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
14. em____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
15. a he____c poem *adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
16. bar mi____h boy *n.* (Judaism) a precept or commandment of the Jewish law
17. the area of a tr____id *n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides
18. laser ab____on *n.* the surgical removal or destruction of a body part, tissue, or organ, particularly for medical purposes; the process of erosion or melting, especially by heat or friction

ANSWERS: 10. abdomen, 11. legible, 12. broth, 13. opportune, 14. empathy, 15. heroic, 16. mitzvah, 17. trapezoid, 18. ablation

19. uterine fi____d *n.* a benign tumor that grows inside or on the walls of the uterus or other smooth muscle tissue, typically composed of fibrous connective tissue
20. the ult____ic dimension measurement *adj.* having frequencies above the upper limit of human hearing
21. ko___r supermarket *adj.* conforming to Jewish dietary laws; conforming to proper or ethical standards; legitimate, lawful, or acceptable
22. pi____l role *adj.* relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something
23. in____fy a good relationship *v.* to increase or make something increase in extent or strength
24. han____ng sample *n.* the particular way in which a person writes, as distinct from printing or typing
25. bleeding from ut____s *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
26. prefrontal lo____my *n.* a surgical procedure in which a section of the brain is removed or disconnected from the rest of the brain, often used as a treatment for mental illness in the past
27. pai____sh icon *n.* a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle

ANSWERS: 19. fibroid, 20. ultrasonic, 21. kosher, 22. pivotal, 23. intensify, 24. handwriting, 25. uterus, 26. lobotomy, 27. paintbrush

28. full of em____y *n.* the ability to share another person's feelings or experiences by imagining that person's situation
29. he___c explorers *adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
30. pa_____as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
31. cou_____us rescue attempt *adj.* able to face and deal with danger or fear without flinching
32. in_____fy diplomatic efforts *v.* to increase or make something increase in extent or strength
33. endoscopic lit_____sy *n.* a medical procedure or technique used to break down or destroy kidney stones or other urinary tract stones using high-energy shock waves or laser technology; the process of crushing or disintegrating stones in the body through non-invasive means
34. lo_____my procedure *n.* a surgical procedure in which a section of the brain is removed or disconnected from the rest of the brain, often used as a treatment for mental illness in the past
35. ko___r deli *adj.* conforming to Jewish dietary laws; conforming to proper or ethical standards; legitimate, lawful, or acceptable

ANSWERS: 28. empathy, 29. heroic, 30. pancreas, 31. courageous, 32. intensify, 33. lithotripsy, 34. lobotomy, 35. kosher

36. ult_____ic sensors *adj.* having frequencies above the upper limit of human hearing
37. brain le___n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
38. re_____le box *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
39. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
40. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
41. lit_____sy procedure *n.* a medical procedure or technique used to break down or destroy kidney stones or other urinary tract stones using high-energy shock waves or laser technology; the process of crushing or disintegrating stones in the body through non-invasive means
42. fo__o the luxury *v.* to give up or abstain from something; to do without something that one might be entitled to
43. nutritional po_____y *n.* the strength, power, or intensity of a substance, typically referring to its effectiveness, concentration, or ability to produce a desired effect
44. inc_____ble ideas *adj.* hard to imagine or believe
45. fi_____d growth *n.* a benign tumor that grows inside or on the walls of the uterus or other smooth muscle tissue, typically composed of fibrous connective tissue

ANSWERS: 36. ultrasonic, 37. lesion, 38. rectangle, 39. mimic, 40. emit, 41. lithotripsy, 42. forgo, 43. potency, 44. inconceivable, 45. fibroid

46. ph____m limb pain *n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception
47. fecal inc_____nce *n.* the involuntary leakage of urine or feces from the body
48. le____e instructions *adj.* capable of being easily read or deciphered; having clear and distinct letters or characters
49. medical tra_____er *n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal
50. tra_____se wave *adj.* lying or extending across something or from side to side
51. painful bu____k *n.* either of two fleshy masses at the lower end of the human trunk, formed mainly by the gluteal muscles and used for sitting and walking; the hindquarters of an animal
52. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
53. endometrial ab____on *n.* the surgical removal or destruction of a body part, tissue, or organ, particularly for medical purposes; the process of erosion or melting, especially by heat or friction
54. han_____ng identification *n.* the particular way in which a person writes, as distinct from printing or typing
55. co____ve of an idea *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant

ANSWERS: 46. phantom, 47. incontinence, 48. legible, 49. transducer, 50. transverse, 51. buttock, 52. medicinal, 53. ablation, 54. handwriting, 55. conceive

56. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
57. con_____nt thinking *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
58. el_____e a close relationship *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
59. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
60. ne_____th's disorder *n.* a person who suffers from a neurological disorder or disease, or the disorder itself
61. orthogonal re_____le *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
62. sexual po_____y *n.* the strength, power, or intensity of a substance, typically referring to its effectiveness, concentration, or ability to produce a desired effect
63. early-stage lum_____my *n.* a surgical operation in which a tumor or lump, especially a cancerous one, is removed from the breast or other part of the body while preserving as much healthy tissue as possible
64. bu_____k muscles *n.* either of two fleshy masses at the lower end of the human trunk, formed mainly by the gluteal muscles and used for sitting and walking; the hindquarters of an animal

ANSWERS: 56. mimic, 57. convergent, 58. elevate, 59. emit, 60. neuropath, 61. rectangle, 62. potency, 63. lumpectomy, 64. buttock

65. th____us injury *n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
66. con_____nt beam *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
67. el_____e educational standards *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
68. in____t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
69. pi_____l moment *adj.* relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something
70. th____us function *n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
71. pa_____as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 65. thalamus, 66. convergent, 67. elevate, 68. inject, 69. pivotal, 70. thalamus, 71. pancreas

72. neu_____cal symptoms *adj.* of or relating to the science of neurology or the nervous system
73. lum_____my surgery *n.* a surgical operation in which a tumor or lump, especially a cancerous one, is removed from the breast or other part of the body while preserving as much healthy tissue as possible
74. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
75. co_____ve a child *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
76. tra_____er calibration *n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal
77. ana_____al structure *adj.* of or relating to the structure of the body and its parts
78. a ph_____m company *n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception
79. chicken br__h *n.* a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews
80. inc_____ble pain *adj.* hard to imagine or believe
81. tr___r frequency *n.* a small earthquake or shaking or vibrating
82. muscle le___n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease

ANSWERS: 72. neurological, 73. lumpectomy, 74. inject, 75. conceive, 76. transducer, 77. anatomical, 78. phantom, 79. broth, 80. inconceivable, 81. tremor, 82. lesion

83. a tr___r of delight *n.* a small earthquake or shaking or vibrating
84. met_____ic disease *adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
85. personality tr__ts *n.* a particular feature of your nature
86. post-hys_____omy recovery *n.* a surgical procedure that involves the removal of part or all of the uterus, typically performed to treat certain medical conditions such as uterine cancer or severe endometriosis
87. po___r divine matters *v.* to think deeply or carefully about something
88. traditional me_____al *adj.* of or relating to the treatment or cure of disease
89. the treatment plan of the ne_____th *n.* a person who suffers from a neurological disorder or disease, or the disorder itself
90. tra_____se section *adj.* lying or extending across something or from side to side
91. ana_____al elements *adj.* of or relating to the structure of the body and its parts
92. ut___s cancer *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
93. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 83. tremor, 84. metastatic, 85. trait, 86. hysterectomy, 87. ponder, 88. medicinal, 89. neuropath, 90. transverse, 91. anatomical, 92. uterus, 93. opportune

94. make a cou_____us decision *adj.* able to face and deal with danger or fear without flinching
95. pai_____sh stroke *n.* a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle
96. ab_____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
97. a mir_____us encounter *adj.* very effective or lucky, or completely unexpected
98. fever with neu_____cal signs *adj.* of or relating to the science of neurology or the nervous system

ANSWERS: 94. courageous, 95. paintbrush, 96. abdomen, 97. miraculous, 98. neurological

Session 3: Fill in the Blanks

1. The teacher asked students to ensure they had _____ handwriting so that she could easily grade their papers.
adj. capable of being easily read or deciphered; having clear and distinct letters or characters
2. _____ cancer has spread from its original site to other body parts.
adj. used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
3. The _____ in the sonar system converts electrical pulses into sound waves to detect underwater objects.
n. a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal
4. The _____ symptoms included weakness, numbness, and difficulty with coordination.
n. a person who suffers from a neurological disorder or disease, or the disorder itself
5. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
6. The similarities between the two cultures suggest _____ evolution.
adj. tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge

ANSWERS: 1. legible, 2. Metastatic, 3. transducer, 4. neuropath's, 5. medicinal, 6. convergent

7. He is very popular at school because he can _____ all the teachers' accents.
v. to imitate someone's speech, movement, or behavior, especially to make others laugh
8. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
9. She used a flat _____ to apply the final touches to the artwork.
n. a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle
10. The _____ model of the human body was used to teach medical students.
adj. of or relating to the structure of the body and its parts
11. _____ treatment has become a preferred method for many patients with kidney stones due to its non-invasive nature.
n. a medical procedure or technique used to break down or destroy kidney stones or other urinary tract stones using high-energy shock waves or laser technology; the process of crushing or disintegrating stones in the body through non-invasive means
12. Another application of _____ technology is crack depth measurement.
adj. having frequencies above the upper limit of human hearing
13. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
14. Rebels have pledged to _____ the armed struggle against the dictatorship.
v. to increase or make something increase in extent or strength

ANSWERS: 7. mimic, 8. inject, 9. paintbrush, 10. anatomical, 11. Lithotripsy, 12. ultrasonic, 13. opportune, 14. intensify

15. I always add a bit of _____ to my soup to give it more flavor.
n. a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews
16. We had to _____ our outdoor picnic because of the sudden rain.
v. to give up or abstain from something; to do without something that one might be entitled to
17. She underwent a partial _____ to remove the cancerous lump from her breast.
n. a surgical operation in which a tumor or lump, especially a cancerous one, is removed from the breast or other part of the body while preserving as much healthy tissue as possible
18. The doctor found multiple _____ during the patient's ultrasound examination.
n. a benign tumor that grows inside or on the walls of the uterus or other smooth muscle tissue, typically composed of fibrous connective tissue
19. He was a _____ soldier who had served his country with honor.
adj. able to face and deal with danger or fear without flinching
20. I can't _____ he'd want to harm us.
v. to have or develop an idea, a plan, etc. in mind; to become pregnant
21. The synagogue offers a list of certified _____ products that members can refer to when grocery shopping.
adj. conforming to Jewish dietary laws; conforming to proper or ethical standards; legitimate, lawful, or acceptable
22. The weightlifter used his strong _____ muscles to lift the heavy barbell.
n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

ANSWERS: 15. broth, 16. forgo, 17. lumpectomy, 18. fibroids, 19. courageous, 20. conceive, 21. kosher, 22. abdomen

23. _____ surgery was once a common treatment for mental illness, but it is now considered unethical.
- n.* a surgical procedure in which a section of the brain is removed or disconnected from the rest of the brain, often used as a treatment for mental illness in the past
24. Damage to the _____ can lead to sensory processing disorders and disruptions in perception.
- n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
25. The elderly patient is experiencing _____ and requires assistance with toileting.
- n.* the involuntary leakage of urine or feces from the body
26. The patient was diagnosed with a _____ disorder affecting their motor skills.
- adj.* of or relating to the science of neurology or the nervous system
27. She hesitated to undergo a _____ because of the potential risks and side effects.
- n.* a surgical procedure that involves the removal of part or all of the uterus, typically performed to treat certain medical conditions such as uterine cancer or severe endometriosis
28. The bad _____ caused several buildings to collapse.
- n.* a small earthquake or shaking or vibrating
29. The building's windows were arranged in _____ shapes, giving it a modern look.
- n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides

ANSWERS: 23. Lobotomy, 24. thalamus, 25. incontinence, 26. neurological, 27. hysterectomy, 28. tremor, 29. trapezoid

30. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

31. It would be _____ for him to alter his behavior.

adj. hard to imagine or believe

32. I fell and bruised my _____ on the hard pavement.

n. either of two fleshy masses at the lower end of the human trunk, formed mainly by the gluteal muscles and used for sitting and walking; the hindquarters of an animal

33. The _____ on the note was barely legible.

n. the particular way in which a person writes, as distinct from printing or typing

34. The endocrine function of the _____ involves the secretion of hormones such as insulin.

n. a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

35. Multiple genes may influence behavioral _____ concurrently.

n. a particular feature of your nature

36. The CEO's decision was _____ in the success of the company's expansion plans.

adj. relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something

37. The _____ beam provided additional support for the structure.

adj. lying or extending across something or from side to side

ANSWERS: 30. miraculous, 31. inconceivable, 32. buttock, 33. handwriting, 34. pancreas, 35. traits, 36. pivotal, 37. transverse

38. For Jews, a bar _____ is an important social event.
n. (Judaism) a precept or commandment of the Jewish law
39. The cardiac procedure involved the _____ of abnormal tissue in the heart.
n. the surgical removal or destruction of a body part, tissue, or organ, particularly for medical purposes; the process of erosion or melting, especially by heat or friction
40. The police frantically searched for clues to the _____ killer.
n. a ghost or a spirit of a dead person; something existing only in your imagination or perception
41. The _____ of the medicine was evident in how quickly it relieved her pain.
n. the strength, power, or intensity of a substance, typically referring to its effectiveness, concentration, or ability to produce a desired effect
42. _____ is also necessary to understand history.
n. the ability to share another person's feelings or experiences by imagining that person's situation
43. The living room had a _____ coffee table in the center of it.
n. a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
44. Eating food in a hurry _____ blood glucose levels.
v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
45. The _____ actions of individuals are now easily spread worldwide by SNS.
adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

ANSWERS: 38. mitzvah, 39. ablation, 40. phantom, 41. potency, 42. Empathy, 43. rectangle-shaped, 44. elevates, 45. heroic

46. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
47. The physician prescribed medication to relieve the contraction of the _____.
- n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
48. The doctor examined the _____ on the patient's skin to determine if it was cancerous.
- n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
49. She sat quietly, _____ the difficult decision.
- v.* to think deeply or carefully about something

ANSWERS: 46. emits, 47. uterus, 48. lesion, 49. pondering