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Advanced Words Only

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Session 1: Word List

pediatrics

n. the branch of medicine that deals with the care and treatment of children

synonym : pedology, child health

(1) **pediatrics** department, (2) **pediatrics** clinic

I am studying **pediatrics** in medical school because I love working with children.

anesthesiologist

n. a medical doctor who specializes in administering anesthesia to help control pain and monitor the vital signs of patients during procedures and surgeries

synonym : anesthetist, pain specialist, sedationist

(1) specialized **anesthesiologist**, (2) clinical **anesthesiologist**

The experienced **anesthesiologist** monitored the patient's vital signs throughout the procedure.

alto

n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone

synonym : contralto, countertenor, soprano

(1) **alto** saxophone, (2) an **alto** solo

The **alto** singer had a unique and powerful voice.

torch

n. a portable device that produces a flame, typically one that is used to light a fire or a candle

synonym: flashlight, lantern, flare

(1) the **torch** of learning, (2) **torch** song

She used an electric **torch** to light her way through the dark cave.

aspire

v. to have an ambition or a desire to achieve something, typically something high or great

synonym: aim, desire, strive

(1) **aspire** to greatness, (2) **aspire** after perfection

She **aspired** to become a successful businesswoman.

rehearsal

n. a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing

synonym: practice, run-through, drill

(1) dress **rehearsal**, (2) music **rehearsal**

The theater company had its final **rehearsal** before opening night.

outstretch

v. to stretch out one's body, limbs, or arms to their furthest extent; to extend something so that it exceeds a certain limit or boundary

synonym: extend, stretch out, reach

(1) **outstretch** my patience, (2) **outstretch** a hand

The yoga instructor instructed the class to **outstretch** their arms and breathe deeply into the stretch.

sprain

v. to injure a joint in your body by a sudden wrenching of it

synonym: turn, twist, wrench

(1) **sprain** a joint, (2) **sprain** my knee in a game

She **sprained** her ankles when she fell.

ibuprofen

n. a drug used to reduce pain, fever, and inflammation

(1) **ibuprofen** intoxication, (2) **ibuprofen** tablet

Daily use of **ibuprofen** can irritate the stomach.

discolor

v. to change color or become discolored, often as a result of exposure to sunlight, chemicals, or the aging process

synonym: stain, tint

(1) **discolor** urine, (2) cause teeth to **discolor**

The sun had **discolored** the curtains, making them look faded.

cadaver

n. a dead body, especially one used for scientific study or medical research

synonym: corpse, body, remains

(1) **cadaver** lab, (2) **cadaver** donor

The hospital received a donation of **cadavers** for their research program.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

dystonia

n. a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures

synonym: dystrophy, abnormality, disorder

(1) **dystonia** symptoms, (2) hereditary **dystonia**

Her diagnosis of cervical **dystonia** explained her neck's unusual tilting and turning.

fingertip

n. the end or tip of a finger

(1) apply **fingertip** pressure, (2) burn my **fingertip**

The archaeologist ran his **fingertips** along the pattern of the tombstones.

allodynia

n. a condition in which normally non-painful stimuli elicit a painful response; a heightened sensitivity, or an altered

perception of pain, resulting in pain caused by stimuli that typically do not cause pain

synonym: hyperalgesia, hypersensitivity

(1) chronic **allodynia**, (2) experimental **allodynia**

The **allodynia** assessment helped the doctor understand the severity of her condition.

excruciating

adj. extremely painful, intense, or distressing; causing great physical or emotional suffering

synonym: agonizing, unbearable, torturous

(1) **excruciating** ordeal, (2) **excruciating** embarrassment

The **excruciating** pain in his ankle made it difficult to walk.

misinterpret

v. to understand or explain something in the wrong way

synonym: misunderstand, falsify, misconstrue

(1) **misinterpret** the purpose, (2) **misinterpret** the data

He **misinterpreted** her statement and got the wrong idea.

malevolent

adj. having or showing a desire to cause harm or evil to others

synonym: evil, malicious, wicked

(1) **malevolent** stars, (2) **malevolent** act

She had a **malevolent** intention to harm her enemy.

hardwired

adj. built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

synonym: innate, ingrained, automatic

(1) **hardwired** behavior, (2) **hardwired** connection

The instinct to protect one's offspring is **hardwired** into many animal species.

consciously

adv. with awareness; in a deliberate manner

synonym: intentionally, deliberately, knowingly

(1) **consciously** aware of a problem, (2) act **consciously**

He **consciously** criticizes her in the publicity.

neurotransmitter

n. a chemical that carries nerve impulses between neurons or between neurons and muscles

(1) **neurotransmitter** receptor, (2) **neurotransmitters** released from the brain

Endorphins are a type of **neurotransmitter** that gives a sense of well-being.

glia

n. a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity

synonym: astrocyte, microglia, oligodendrocyte

(1) neural **glia**, (2) **glia** function

The human brain contains both neurons and **glia** cells.

unimportant

adj. not important

synonym: inconsiderable, inconsequential, insignificant

(1) **unimportant** information, (2) **unimportant** event

He regretted having undertaken the **unimportant** job without thinking about the consequences.

modulate

v. to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something

synonym: regulate, inflect, adjust

(1) **modulate** the function, (2) **modulate** from one key to another

These chemicals **modulate** the effect of metabolism.

amplification

n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea

synonym: enlargement, expansion, intensification

(1) **amplification** system, (2) sound **amplification**

The political debate was an **amplification** of the candidates' views on key issues.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

rewire

v. to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

synonym: rewire, renovate, upgrade

(1) **rewire** a house, (2) **rewire** a program

I need to **rewire** the faulty electrical system in my house to prevent a fire.

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another

synonym: alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

painkiller

n. medicine used to relieve physical pain

synonym: anesthetic, anodyne, analgesic

(1) a strong **painkiller**, (2) take a **painkiller** beforehand

Over-the-counter **painkillers** are less effective for patients who have taken many in the past.

anesthetic

n. a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain

synonym: sedative, anesthesia, painkiller

(1) **anesthetic** injection, (2) local **anesthetic**

The dentist administered an **anesthetic** to numb the patient's mouth before the procedure.

retrain

v. to teach or learn a new or different set of skills or knowledge, usually to adapt to a new job, situation, or technology

synonym : educate, instruct

(1) **retrain** employees, (2) **retrain** skills

She plans to **retrain** in a new field after retiring from her current career.

psychotherapy

n. the treatment of mental or emotional problems by talking with a therapist

(1) field of **psychotherapy**, (2) **psychotherapy** for depression

He took **psychotherapy** to help him deal with his accident trauma.

despondent

adj. in low spirits; feeling or showing extreme discouragement or gloom

synonym : hopeless, despairing, discouraged

(1) feel **despondent**, (2) a **despondent** mood

After her dog passed away, she was **despondent** for weeks, unable to find joy.

pernicious

adj. causing harm or destruction, often in a subtle or gradual way

synonym : harmful, malicious, destructive

(1) **pernicious** effect, (2) **pernicious** disease

The **pernicious** influence of the corrupt officials had a detrimental effect on the town.

distort

v. to change something's shape, appearance, or sound so that it appears weird or unclear

synonym : fudge, deform, contort

(1) **distort** the facts, (2) **distort** the economy

Economists contend that taxes **distort** consumer behavior in general.

amplify

v. to enhance something, particularly sound or brightness

synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

prophetic

adj. containing or given to making predictions; presaging the future; of or relating to a prophet (= an authoritative person who divines the future)

synonym: foretelling, predictive, presaging

(1) **prophetic** powers, (2) **prophetic** book

The stock market analysts had a **prophetic** sense of the coming recession.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. music re_____al | <i>n.</i> a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing |
| 2. per_____us effect | <i>adj.</i> causing harm or destruction, often in a subtle or gradual way |
| 3. am_____y a signal | <i>v.</i> to enhance something, particularly sound or brightness |
| 4. field of psy_____apy | <i>n.</i> the treatment of mental or emotional problems by talking with a therapist |
| 5. ib_____en tablet | <i>n.</i> a drug used to reduce pain, fever, and inflammation |
| 6. pr_____ic book | <i>adj.</i> containing or given to making predictions; presaging the future; of or relating to a prophet (= an authoritative person who divines the future) |
| 7. di_____t the facts | <i>v.</i> to change something's shape, appearance, or sound so that it appears weird or unclear |
| 8. ha_____ed behavior | <i>adj.</i> built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics |
| 9. con_____ly aware of a problem | <i>adv.</i> with awareness; in a deliberate manner |

ANSWERS: 1. rehearsal, 2. pernicious, 3. amplify, 4. psychotherapy, 5. ibuprofen, 6. prophetic, 7. distort, 8. hardwired, 9. consciously

- | | | |
|----------------------------------|----|---|
| 10. mo__h into a different shape | v. | to change or cause to change something or someone smoothly and gradually from one thing to another |
| 11. di____or urine | v. | to change color or become discolored, often as a result of exposure to sunlight, chemicals, or the aging process |
| 12. take a pai_____er beforehand | n. | medicine used to relieve physical pain |
| 13. local ane_____ic | n. | a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain |
| 14. chronic al_____ia | n. | a condition in which normally non-painful stimuli elicit a painful response; a heightened sensitivity, or an altered perception of pain, resulting in pain caused by stimuli that typically do not cause pain |
| 15. out_____ch my patience | v. | to stretch out one's body, limbs, or arms to their furthest extent; to extend something so that it exceeds a certain limit or boundary |
| 16. psy_____apy for depression | n. | the treatment of mental or emotional problems by talking with a therapist |
| 17. as___e to greatness | v. | to have an ambition or a desire to achieve something, typically something high or great |
| 18. re_____n employees | v. | to teach or learn a new or different set of skills or knowledge, usually to adapt to a new job, situation, or technology |

ANSWERS: 10. morph, 11. discolor, 12. painkiller, 13. anesthetic, 14. allodynia, 15. outstretch, 16. psychotherapy, 17. aspire, 18. retrain

19. a des_____nt mood *adj.* in low spirits; feeling or showing extreme discouragement or gloom
20. hereditary dy_____ia *n.* a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures
21. an a__o solo *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
22. uni_____nt information *adj.* not important
23. pa_____ze a city *v.* to cause a person or part of the body to become unable to move or feel
24. g__a function *n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity
25. a strong pai_____er *n.* medicine used to relieve physical pain
26. dy_____ia symptoms *n.* a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures
27. feel des_____nt *adj.* in low spirits; feeling or showing extreme discouragement or gloom
28. experimental al_____ia *n.* a condition in which normally non-painful stimuli elicit a painful response; a heightened sensitivity, or an altered perception of pain, resulting in pain caused by stimuli that typically do not cause pain

ANSWERS: 19. despondent, 20. dystonia, 21. alto, 22. unimportant, 23. paralyze, 24. glia, 25. painkiller, 26. dystonia, 27. despondent, 28. allodynia

29. mal_____nt stars *adj.* having or showing a desire to cause harm or evil to others
30. clinical ane_____ist *n.* a medical doctor who specializes in administering anesthesia to help control pain and monitor the vital signs of patients during procedures and surgeries
31. mis_____ret the data *v.* to understand or explain something in the wrong way
32. cause teeth to di_____or *v.* to change color or become discolored, often as a result of exposure to sunlight, chemicals, or the aging process
33. burn my fi_____ip *n.* the end or tip of a finger
34. exc_____ing ordeal *adj.* extremely painful, intense, or distressing; causing great physical or emotional suffering
35. apply fi_____ip pressure *n.* the end or tip of a finger
36. dress re_____al *n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
37. ha_____ed connection *adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics
38. uni_____nt event *adj.* not important

ANSWERS: 29. malevolent, 30. anesthesiologist, 31. misinterpret, 32. discolor, 33. fingertip, 34. excruciating, 35. fingertip, 36. rehearsal, 37. hardwired, 38. unimportant

39. mal_____nt act *adj.* having or showing a desire to cause harm or evil to others
40. exc_____ing embarrassment *adj.* extremely painful, intense, or distressing; causing great physical or emotional suffering
41. a__o saxophone *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
42. as___e after perfection *v.* to have an ambition or a desire to achieve something, typically something high or great
43. ca_____r donor *n.* a dead body, especially one used for scientific study or medical research
44. ped_____cs department *n.* the branch of medicine that deals with the care and treatment of children
45. neu_____ters released from the brain *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
46. am_____y the effect *v.* to enhance something, particularly sound or brightness
47. sp___n my knee in a game *v.* to injure a joint in your body by a sudden wrenching of it
48. re___e a program *v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
49. pa_____ze a person *v.* to cause a person or part of the body to become unable to move or feel

ANSWERS: 39. malevolent, 40. excruciating, 41. alto, 42. aspire, 43. cadaver, 44. pediatrics, 45. neurotransmitter, 46. amplify, 47. sprain, 48. rewire, 49. paralyze

50. syn_____ze information *v.* to combine a substance to make a more complex product or compound
51. re_____n skills *v.* to teach or learn a new or different set of skills or knowledge, usually to adapt to a new job, situation, or technology
52. neu_____ter receptor *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
53. specialized ane_____ist *n.* a medical doctor who specializes in administering anesthesia to help control pain and monitor the vital signs of patients during procedures and surgeries
54. ib_____en intoxication *n.* a drug used to reduce pain, fever, and inflammation
55. mo_____te from one key to another *v.* to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something
56. the to__h of learning *n.* a portable device that produces a flame, typically one that is used to light a fire or a candle
57. per_____us disease *adj.* causing harm or destruction, often in a subtle or gradual way
58. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
59. ped_____cs clinic *n.* the branch of medicine that deals with the care and treatment of children
60. ane_____ic injection *n.* a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain

ANSWERS: 50. synthesize, 51. retrain, 52. neurotransmitter, 53. anesthesiologist, 54. ibuprofen, 55. modulate, 56. torch, 57. pernicious, 58. synthesize, 59. pediatrics, 60. anesthetic

71. to__h song *n.* a portable device that produces a flame, typically one that is used to light a fire or a candle
72. di____t the economy *v.* to change something's shape, appearance, or sound so that it appears weird or unclear
73. ca____r lab *n.* a dead body, especially one used for scientific study or medical research
74. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another

ANSWERS: 71. torch, 72. distort, 73. cadaver, 74. morph

Session 3: Fill in the Blanks

1. He took _____ to help him deal with his accident trauma.
n. the treatment of mental or emotional problems by talking with a therapist

2. I need to _____ the faulty electrical system in my house to prevent a fire.
v. to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

3. The theater company had its final _____ before opening night.
n. a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing

4. She had a _____ intention to harm her enemy.
adj. having or showing a desire to cause harm or evil to others

5. The _____ influence of the corrupt officials had a detrimental effect on the town.
adj. causing harm or destruction, often in a subtle or gradual way

6. The yoga instructor instructed the class to _____ their arms and breathe deeply into the stretch.
v. to stretch out one's body, limbs, or arms to their furthest extent; to extend something so that it exceeds a certain limit or boundary

7. He _____ her statement and got the wrong idea.
v. to understand or explain something in the wrong way

ANSWERS: 1. psychotherapy, 2. rewire, 3. rehearsal, 4. malevolent, 5. pernicious, 6. outstretch, 7. misinterpreted

8. Over-the-counter _____ are less effective for patients who have taken many in the past.
n. medicine used to relieve physical pain
9. After her dog passed away, she was _____ for weeks, unable to find joy.
adj. in low spirits; feeling or showing extreme discouragement or gloom
10. I am studying _____ in medical school because I love working with children.
n. the branch of medicine that deals with the care and treatment of children
11. He _____ criticizes her in the publicity.
adv. with awareness; in a deliberate manner
12. These chemicals _____ the effect of metabolism.
v. to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something
13. The political debate was an _____ of the candidates' views on key issues.
n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
14. She _____ to become a successful businesswoman.
v. to have an ambition or a desire to achieve something, typically something high or great
15. Daily use of _____ can irritate the stomach.
n. a drug used to reduce pain, fever, and inflammation

ANSWERS: 8. painkillers, 9. despondent, 10. pediatrics, 11. consciously, 12. modulate, 13. amplification, 14. aspired, 15. ibuprofen

16. The spider can _____ multiple different silk proteins.
v. to combine a substance to make a more complex product or compound
17. She _____ her ankles when she fell.
v. to injure a joint in your body by a sudden wrenching of it
18. This company _____ into an enterprise company.
v. to change or cause to change something or someone smoothly and gradually from one thing to another
19. Economists contend that taxes _____ consumer behavior in general.
v. to change something's shape, appearance, or sound so that it appears weird or unclear
20. She used an electric _____ to light her way through the dark cave.
n. a portable device that produces a flame, typically one that is used to light a fire or a candle
21. The stock market analysts had a _____ sense of the coming recession.
adj. containing or given to making predictions; presaging the future; of or relating to a prophet (= an authoritative person who divines the future)
22. The venom from the snake bite _____ his arm.
v. to cause a person or part of the body to become unable to move or feel
23. The human brain contains both neurons and _____ cells.
n. a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity

ANSWERS: 16. synthesize, 17. sprained, 18. morphed, 19. distort, 20. torch, 21. prophetic, 22. paralyzed, 23. glia

24. The instinct to protect one's offspring is _____ into many animal species.
adj. built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics
25. The experienced _____ monitored the patient's vital signs throughout the procedure.
n. a medical doctor who specializes in administering anesthesia to help control pain and monitor the vital signs of patients during procedures and surgeries
26. Her diagnosis of cervical _____ explained her neck's unusual tilting and turning.
n. a neurological disorder characterized by involuntary muscle contractions that cause twisting, repetitive movements, or abnormal postures
27. The _____ singer had a unique and powerful voice.
n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
28. She plans to _____ in a new field after retiring from her current career.
v. to teach or learn a new or different set of skills or knowledge, usually to adapt to a new job, situation, or technology
29. The hospital received a donation of _____ for their research program.
n. a dead body, especially one used for scientific study or medical research
30. Endorphins are a type of _____ that gives a sense of well-being.
n. a chemical that carries nerve impulses between neurons or between neurons and muscles
31. The _____ assessment helped the doctor understand the severity of her condition.
n. a condition in which normally non-painful stimuli elicit a painful response; a heightened sensitivity, or an altered perception of pain, resulting in pain caused by stimuli that typically do not cause pain

ANSWERS: 24. hardwired, 25. anesthesiologist, 26. dystonia, 27. alto, 28. retrain, 29.

cadavers, 30. neurotransmitter, 31. allodynia

32. The archaeologist ran his _____ along the pattern of the tombstones.
n. the end or tip of a finger
33. You might need to _____ this point.
v. to enhance something, particularly sound or brightness
34. The dentist administered an _____ to numb the patient's mouth before the procedure.
n. a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain
35. The _____ pain in his ankle made it difficult to walk.
adj. extremely painful, intense, or distressing; causing great physical or emotional suffering
36. He regretted having undertaken the _____ job without thinking about the consequences.
adj. not important
37. The sun had _____ the curtains, making them look faded.
v. to change color or become discolored, often as a result of exposure to sunlight, chemicals, or the aging process

ANSWERS: 32. fingertips, 33. amplify, 34. anesthetic, 35. excruciating, 36. unimportant, 37. discolored