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## Vocabulary Builder Reference from...

Anil Seth: Your brain hallucinates your conscious reality | TED Talk

[https://www.ted.com/talks/anil\\_seth\\_your\\_brain\\_hallucinates\\_your\\_conscious\\_reality](https://www.ted.com/talks/anil_seth_your_brain_hallucinates_your_conscious_reality)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### detachment

*n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently

*synonym* : separation, aloofness, indifference

(1) **detachment** from reality, (2) emotional **detachment**

The **detachment** of the soldiers was evident as they carried out their mission with precision and focus.

### drowsy

*adj.* feeling or showing a strong desire to sleep; causing a feeling of sleepiness or lethargy

*synonym* : sleepy, lethargic, dozy

(1) **drowsy** feeling, (2) **drowsy** voice

I'm feeling **drowsy** after staying up late last night.

## disorient

*v.* to make someone confused about where they are or where they should go

*synonym*: confuse, flummox, perplex

(1) **disorient** his audience, (2) **disorient** and wrong-foot viewers

Several studies have indicated that human activity at sea might **disorient** dolphins and whales.

## confuse

*v.* to mistake one thing for another; to make somebody hard to understand

*synonym*: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

## anesthesia

*n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**

He is in general **anesthesia** under the surgeon.

## oblivion

*n.* the state of being completely forgotten or unknown; the state of being unconscious or unaware; the condition of being destroyed, wiped out, or erased from existence

*synonym*: limbo, forgetfulness, unawareness

(1) vanish into **oblivion**, (2) drunken **oblivion**

The author's work was forgotten and fell into **oblivion** after his death.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

*synonym*: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

## 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.

## smartphone

*n.* a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict  
Internet traffic volumes have increased significantly with the advent of **smartphones**.

## hallucinate

*v.* to experience a seemingly real perception of something that does not actually exist, usually as a result of a mental illness or drug use

(1) start to **hallucinate**, (2) **hallucinate** with drug  
Sleep-deprived people gradually lose their concentration and may **hallucinate**.

## homeostasis

*n.* the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH

*synonym*: balance, equilibrium, stability

(1) cellular **homeostasis**, (2) **homeostasis** imbalance  
The body's ability to maintain **homeostasis** is essential for survival in harsh environments.

## panoramic

*adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing

*synonym*: expansive, wide-ranging, scenic

(1) **panoramic** landscape, (2) **panoramic** camera  
We hiked to the top of the hill for a **panoramic** view of the city below.

## immerse

*v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

*synonym*: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

## cling

*v.* to hold onto something tightly; to be closely attached to someone or something

*synonym*: stick, adhere, attach

(1) **cling** onto power, (2) **cling** tightly to the skin

He **clings** to the hope that he will find a job soon.

## bony

*adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny

*synonym*: emaciated, gaunt, skeletal

(1) **bony** fingers, (2) **bony** structure

She complained of a **bony** lump on her ankle that made walking difficult.

## guesswork

*n.* the act or process of making an estimate or speculation based on incomplete or uncertain information; conjecture or supposition

*synonym*: speculation, conjecture, estimation

(1) pure **guesswork**, (2) rely on **guesswork**

Making decisions based on **guesswork** can lead to costly mistakes.

## psychedelic

*adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs

*synonym*: trippy, hallucinogenic, mind-bending

(1) **psychedelic** therapy, (2) **psychedelic** art

The Beatles' **psychedelic** music was a hallmark of the 1960s counterculture movement.

## psychosis

*n.* a serious mental disorder characterized by a disconnection from reality, often including hallucinations, delusions, and a lack of insight into one's condition

*synonym*: madness, delusion, insanity

(1) **psychosis** treatment, (2) drug-induced **psychosis**  
He was diagnosed with **psychosis** and was hospitalized for treatment.

## controllable

*adj.* able to be controlled or directed

*synonym*: manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

## rein

*n.* a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior;  
(verb) to control or restrain something, especially something that is becoming excessive or out of control

*synonym*: strap, harness, headstall

(1) tight **rein**, (2) **rein** in costs

The new driver struggled to keep a firm grip on the **rein** as the horse bolted.

## deceive

*v.* to cause someone to believe something that is not true, often by telling a lie or creating a false impression

*synonym*: mislead, dupe, hoodwink

(1) **deceive** to lie, (2) **deceive** skillfully

The magician's illusions were designed to **deceive** the audience into believing they saw something impossible.

## psychiatry

*n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness

*synonym*: mental health, psychology, psychoanalysis

(1) **psychiatry** therapy, (2) biological **psychiatry**

The field of **psychiatry** is constantly evolving, with new treatments and approaches being developed all the time.

## neurology

*n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

*synonym*: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department  
She is studying clinical **neurology** to become a brain surgeon.

## neuroscience

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

## 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.

## uncanny

*adj.* strange or mysterious, often in a way that is unsettling

*synonym*: arcane, astonishing, eerie

(1) in an **uncanny** manner, (2) **uncanny** resemblance

She has an **uncanny** sense of who is telling a lie.

## congruent

*adj.* in agreement or harmony with something; having the same shape and size, often used in mathematics

*synonym*: matching, identical, corresponding

(1) **congruent** squares, (2) **congruent** in style

The algebraic equation had **congruent** sides, leading to a valid solution.

## startle

*v.* to cause a sudden or unexpected reaction of surprise, alarm, or fear in someone, typically by means of a sudden and loud noise, movement, or event

*synonym*: frighten, shock, surprise

(1) **startle** for a moment, (2) **startle** the world

The loud bang outside the window caused him to **startle** and spill his coffee.

## assimilate

*v.* to take in and understand information or ideas; to integrate

*synonym*: absorb, incorporate, integrate

(1) **assimilate** into society, (2) **assimilate** a language

The immigrant struggled to **assimilate** into the new culture.

## interoception

*n.* the sense or perception of the internal state of one's body, including physiological processes such as heartbeat, respiration, hunger, pain, and emotional responses

*synonym*: body awareness, self-perception

(1) **interoception** awareness, (2) **interoception** training

Difficulties in **interoception** have been associated with conditions like autism and anxiety disorders.

## overlook

*v.* to fail to notice something; to watch over someone; to provide a view from above

*synonym*: disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

## heartbeat

*n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

*synonym*: beat, pulse, force

(1) **heartbeat** abnormality, (2) a pounding **heartbeat**

New York is the commercial **heartbeat** of America.

## spleen

*n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration

*synonym*: lien, irascibility, temper

(1) **spleen** function, (2) enlarged **spleen**

The doctor explained that the pain in her abdomen was

caused by **spleen** inflammation.

## embody

*v.* to represent or exemplify something; to give tangible form to an abstract idea

*synonym*: represent, exemplify, personify

(1) **embody** my goal, (2) **embody** a spirit of charity

The company's new products **embody** the values of innovation and sustainability.

## 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.

## schizophrenia

*n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior

*synonym*: psychosis, disorder, mental illness

(1) **schizophrenia** spectrum disorder, (2) **schizophrenia** treatment

The **schizophrenia** patient was experiencing severe auditory hallucinations.

## sentient

*adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness

*synonym*: conscious, aware, perceptive

(1) **sentient** beings, (2) **sentient** robots

Animals such as dolphins and elephants are highly **sentient** and intelligent creatures.



## Session 2: Spelling

- |                                  |   |
|----------------------------------|---|
| 1. sma_____ne addict             | <i>n.</i> a mobile phone that functions as a computer and connects to the Internet  |
| 2. the branch of neu_____nce     | <i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system   |
| 3. a pounding he_____at          | <i>n.</i> the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force  |
| 4. st_____e the world            | <i>v.</i> to cause a sudden or unexpected reaction of surprise, alarm, or fear in someone, typically by means of a sudden and loud noise, movement, or event            |
| 5. di_____nt his audience        | <i>v.</i> to make someone confused about where they are or where they should go   |
| 6. con_____ly aware of a problem | <i>adv.</i> with awareness; in a deliberate manner  |
| 7. co_____nt in style            | <i>adj.</i> in agreement or harmony with something; having the same shape and size, often used in mathematics   |
| 8. sch_____nia spectrum disorder | <i>n.</i> a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior |
| 9. op_____ne occasion            | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose   |

ANSWERS: 1. smartphone, 2. neuroscience, 3. heartbeat, 4. startle, 5. disorient, 6. consciously, 7. congruent, 8. schizophrenia, 9. opportune

10. ane\_\_\_\_\_ia for surgery *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
11. de\_\_\_\_\_e to lie *v.* to cause someone to believe something that is not true, often by telling a lie or creating a false impression
12. a theoretical concept in neu\_\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
13. psy\_\_\_\_\_ic art *adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs
14. b\_\_y fingers *adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny
15. di\_\_\_\_\_nt and wrong-foot viewers *v.* to make someone confused about where they are or where they should go
16. pure gu\_\_\_\_\_rk *n.* the act or process of making an estimate or speculation based on incomplete or uncertain information; conjecture or supposition
17. co\_\_\_\_\_nt squares *adj.* in agreement or harmony with something; having the same shape and size, often used in mathematics
18. int\_\_\_\_\_ion awareness *n.* the sense or perception of the internal state of one's body, including physiological processes such as heartbeat, respiration, hunger, pain, and emotional responses

ANSWERS: 10. anesthesia, 11. deceive, 12. neuroscience, 13. psychedelic, 14. bony, 15. disorient, 16. guesswork, 17. congruent, 18. interoception

19. vanish into ob\_\_\_\_\_on                      *n.*    the state of being completely forgotten or unknown; the state of being unconscious or unaware; the condition of being destroyed, wiped out, or erased from existence
20. completely im\_\_\_\_\_e the ingredient                      *v.*    to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
21. enlarged sp\_\_\_\_n                      *n.*    a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
22. tight r\_\_n                      *n.*    a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control
23. ass\_\_\_\_\_te into society                      *v.*    to take in and understand information or ideas; to integrate
24. r\_\_n in costs                      *n.*    a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control

ANSWERS: 19. oblivion, 20. immerse, 21. spleen, 22. rein, 23. assimilate, 24. rein

25. psy\_\_\_\_\_ic therapy *adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs
26. dr\_\_\_y voice *adj.* feeling or showing a strong desire to sleep; causing a feeling of sleepiness or lethargy
27. b\_\_y structure *adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny
28. de\_\_\_\_\_e skillfully *v.* to cause someone to believe something that is not true, often by telling a lie or creating a false impression
29. 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
30. un\_\_\_\_\_y resemblance *adj.* strange or mysterious, often in a way that is unsettling
31. ne\_\_\_\_\_gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
32. 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

ANSWERS: 25. psychedelic, 26. drowsy, 27. bony, 28. deceive, 29. anesthetic, 30. uncanny, 31. neurology, 32. paintbrush

33. im\_\_\_\_\_e the cloth in the dye      *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
34. se\_\_\_\_\_nt beings      *adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness
35. st\_\_\_\_\_e for a moment      *v.* to cause a sudden or unexpected reaction of surprise, alarm, or fear in someone, typically by means of a sudden and loud noise, movement, or event
36. pa\_\_\_\_\_ic camera      *adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
37. cognitive ne\_\_\_\_\_gy      *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
38. hal\_\_\_\_\_te with drug      *v.* to experience a seemingly real perception of something that does not actually exist, usually as a result of a mental illness or drug use
39. co\_\_\_\_\_e fantasy with reality      *v.* to mistake one thing for another; to make somebody hard to understand
40. ass\_\_\_\_\_te a language      *v.* to take in and understand information or ideas; to integrate
41. sma\_\_\_\_\_ne app developer      *n.* a mobile phone that functions as a computer and connects to the Internet

ANSWERS: 33. immerse, 34. sentient, 35. startle, 36. panoramic, 37. neurology, 38. hallucinate, 39. confuse, 40. assimilate, 41. smartphone

42. local ane\_\_\_\_\_ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
43. em\_\_\_y a spirit of charity *v.* to represent or exemplify something; to give tangible form to an abstract idea
44. sp\_\_\_n function *n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
45. drunken ob\_\_\_\_\_on *n.* the state of being completely forgotten or unknown; the state of being unconscious or unaware; the condition of being destroyed, wiped out, or erased from existence
46. rely on gu\_\_\_\_\_rk *n.* the act or process of making an estimate or speculation based on incomplete or uncertain information; conjecture or supposition
47. hom\_\_\_\_\_is imbalance *n.* the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH
48. ps\_\_\_\_\_is treatment *n.* a serious mental disorder characterized by a disconnection from reality, often including hallucinations, delusions, and a lack of insight into one's condition
49. ov\_\_\_\_\_ok a street *v.* to fail to notice something; to watch over someone; to provide a view from above

ANSWERS: 42. anesthesia, 43. embody, 44. spleen, 45. oblivion, 46. guesswork, 47. homeostasis, 48. psychosis, 49. overlook

50. int\_\_\_\_\_ion training *n.* the sense or perception of the internal state of one's body, including physiological processes such as heartbeat, respiration, hunger, pain, and emotional responses
51. ov\_\_\_\_\_ok that fact *v.* to fail to notice something; to watch over someone; to provide a view from above
52. det\_\_\_\_\_nt from reality *n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently
53. pa\_\_\_\_\_ic landscape *adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
54. cl\_\_g onto power *v.* to hold onto something tightly; to be closely attached to someone or something
55. psy\_\_\_\_\_ry therapy *n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness
56. start to hal\_\_\_\_\_te *v.* to experience a seemingly real perception of something that does not actually exist, usually as a result of a mental illness or drug use
57. act con\_\_\_\_\_ly *adv.* with awareness; in a deliberate manner
58. em\_\_\_y my goal *v.* to represent or exemplify something; to give tangible form to an abstract idea

ANSWERS: 50. interoception, 51. overlook, 52. detachment, 53. panoramic, 54. cling, 55. psychiatry, 56. hallucinate, 57. consciously, 58. embody

59. dr\_\_\_y feeling *adj.* feeling or showing a strong desire to sleep; causing a feeling of sleepiness or lethargy
60. 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
61. 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
62. excite the ne\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
63. drug-induced ps\_\_\_\_\_is *n.* a serious mental disorder characterized by a disconnection from reality, often including hallucinations, delusions, and a lack of insight into one's condition
64. computer-con\_\_\_\_\_ble *adj.* able to be controlled or directed
65. in an un\_\_\_\_\_y manner *adj.* strange or mysterious, often in a way that is unsettling
66. biological psy\_\_\_\_\_ry *n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness
67. he\_\_\_\_\_at abnormality *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

ANSWERS: 59. drowsy, 60. anesthetic, 61. paintbrush, 62. neuron, 63. psychosis, 64. controllable, 65. uncanny, 66. psychiatry, 67. heartbeat



68. con\_\_\_\_\_ble aircraft *adj.* able to be controlled or directed
69. sch\_\_\_\_\_nia treatment *n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
70. cl\_\_g tightly to the skin *v.* to hold onto something tightly; to be closely attached to someone or something
71. se\_\_\_\_\_nt robots *adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness
72. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
73. co\_\_\_\_\_e the listener *v.* to mistake one thing for another; to make somebody hard to understand
74. ne\_\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
75. cellular hom\_\_\_\_\_is *n.* the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH
76. emotional det\_\_\_\_\_nt *n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently

ANSWERS: 68. controllable, 69. schizophrenia, 70. cling, 71. sentient, 72. opportune, 73. confuse, 74. neuron, 75. homeostasis, 76. detachment

ANSWERS:

## Session 3: Fill in the Blanks

1. The loud bang outside the window caused him to \_\_\_\_\_ and spill his coffee.
  - v. to cause a sudden or unexpected reaction of surprise, alarm, or fear in someone, typically by means of a sudden and loud noise, movement, or event
  
2. The immigrant struggled to \_\_\_\_\_ into the new culture.
  - v. to take in and understand information or ideas; to integrate
  
3. The new driver struggled to keep a firm grip on the \_\_\_\_\_ as the horse bolted.
  - n. a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control
  
4. The doctor explained that the pain in her abdomen was caused by \_\_\_\_\_ inflammation.
  - n. a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
  
5. Sleep-deprived people gradually lose their concentration and may \_\_\_\_\_.
  - v. to experience a seemingly real perception of something that does not actually exist, usually as a result of a mental illness or drug use
  
6. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.
  - n. a mobile phone that functions as a computer and connects to the Internet
  
7. We cannot \_\_\_\_\_ an opportunity for great success.
  - v. to fail to notice something; to watch over someone; to provide a view from above

ANSWERS: 1. startle, 2. assimilate, 3. rein, 4. spleen, 5. hallucinate, 6. smartphones, 7. overlook

8. He was diagnosed with \_\_\_\_\_ and was hospitalized for treatment.  
*n.* a serious mental disorder characterized by a disconnection from reality, often including hallucinations, delusions, and a lack of insight into one's condition
9. Making decisions based on \_\_\_\_\_ can lead to costly mistakes.  
*n.* the act or process of making an estimate or speculation based on incomplete or uncertain information; conjecture or supposition
10. The new software is much more \_\_\_\_\_ and user-friendly.  
*adj.* able to be controlled or directed
11. The \_\_\_\_\_ of the soldiers was evident as they carried out their mission with precision and focus.  
*n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently
12. Her remarks \_\_\_\_\_ the debate.  
*v.* to mistake one thing for another; to make somebody hard to understand
13. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
14. Animals such as dolphins and elephants are highly \_\_\_\_\_ and intelligent creatures.  
*adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness

ANSWERS: 8. psychosis, 9. guesswork, 10. controllable, 11. detachment, 12. confused, 13. neuron, 14. sentient

15. Several studies have indicated that human activity at sea might \_\_\_\_\_ dolphins and whales.  
*v.* to make someone confused about where they are or where they should go
16. She is studying clinical \_\_\_\_\_ to become a brain surgeon.  
*n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
17. The \_\_\_\_\_ patient was experiencing severe auditory hallucinations.  
*n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
18. He is in general \_\_\_\_\_ under the surgeon.  
*n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
19. She has an \_\_\_\_\_ sense of who is telling a lie.  
*adj.* strange or mysterious, often in a way that is unsettling
20. The algebraic equation had \_\_\_\_\_ sides, leading to a valid solution.  
*adj.* in agreement or harmony with something; having the same shape and size, often used in mathematics
21. He \_\_\_\_\_ criticizes her in the publicity.  
*adv.* with awareness; in a deliberate manner
22. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 15. disorient, 16. neurology, 17. schizophrenia, 18. anesthesia, 19. uncanny, 20. congruent, 21. consciously, 22. opportune

23. The magician's illusions were designed to \_\_\_\_\_ the audience into believing they saw something impossible.
- v.* to cause someone to believe something that is not true, often by telling a lie or creating a false impression
24. Difficulties in \_\_\_\_\_ have been associated with conditions like autism and anxiety disorders.
- n.* the sense or perception of the internal state of one's body, including physiological processes such as heartbeat, respiration, hunger, pain, and emotional responses
25. She complained of a \_\_\_\_\_ lump on her ankle that made walking difficult.
- adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny
26. We hiked to the top of the hill for a \_\_\_\_\_ view of the city below.
- adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
27. 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
28. The Beatles' \_\_\_\_\_ music was a hallmark of the 1960s counterculture movement.
- adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs

ANSWERS: 23. deceive, 24. interoception, 25. bony, 26. panoramic, 27. paintbrush, 28. psychedelic

29. The body's ability to maintain \_\_\_\_\_ is essential for survival in harsh environments.
- n.* the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH
30. The company's new products \_\_\_\_\_ the values of innovation and sustainability.
- v.* to represent or exemplify something; to give tangible form to an abstract idea
31. The author's work was forgotten and fell into \_\_\_\_\_ after his death.
- n.* the state of being completely forgotten or unknown; the state of being unconscious or unaware; the condition of being destroyed, wiped out, or erased from existence
32. He \_\_\_\_\_ to the hope that he will find a job soon.
- v.* to hold onto something tightly; to be closely attached to someone or something
33. New York is the commercial \_\_\_\_\_ of America.
- n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
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 field of \_\_\_\_\_ is constantly evolving, with new treatments and approaches being developed all the time.
- n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness

ANSWERS: 29. homeostasis, 30. embody, 31. oblivion, 32. clings, 33. heartbeat, 34. anesthetic, 35. psychiatry

36. Our university is famous for its professors, who are well-versed in behavioral \_\_\_\_\_.
- n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
37. He \_\_\_\_\_ himself in his research.
- v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
38. I'm feeling \_\_\_\_\_ after staying up late last night.
- adj.* feeling or showing a strong desire to sleep; causing a feeling of sleepiness or lethargy

ANSWERS: 36. neuroscience, 37. immersed, 38. drowsy