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Eleanor Nelsen: Mary's Room: A philosophical thought experiment | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

brilliant

adj. extremely clever, skilled, or impressive

synonym: luminous, intelligent, clever

(1) **brilliant** idea, (2) **brilliant** performance

The more **brilliant** you are, the more people around you look at you with envy and jealousy.

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**.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to

see

synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

wavelength

n. the distance between two points in the same phase in consecutive cycles of a wave

(1) **wavelength** of light, (2) long- **wavelength** laser

White color is made up of many different **wavelengths** of light.

stimulate

v. to encourage something to develop or become more active; to stir the feelings or emotions

synonym: excite, provoke, arouse

(1) **stimulate** the economy, (2) **stimulate** the nervous system

The book **stimulated** my imagination.

cone

n. a geometric shape that tapers to a point at one end and has a circular base at the other end

(1) traffic **cone**, (2) ice cream **cone**

Cone-shaped cells in the eye's retina are responsible for color vision and visual acuity.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

optic

adj. relating to vision or the eyes; relating to or involving light or optics

synonym: visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

nervous

adj. worried and anxious about something; relating to the nerves

synonym: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

neural

adj. of or relating to a nerve or the nervous system that includes the brain

synonym : sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

correspond

v. to match or be similar to something else almost exactly;
to exchange messages

synonym : match, equate, communicate

(1) **correspond** to a standard, (2) **correspond** with a foreign student

The numbers on the sign **correspond** to points on the map.

distinguish

v. to notice or understand the difference between two people or things

synonym : determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

malfunction

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym : malfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

perceive

v. to become aware or conscious of something through the senses

synonym : sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

philosophy

n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

synonym: doctrine, attitude, creed

(1) **philosophy** of education, (2) western **philosophy**

Ethics is a branch of **philosophy**.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

propose

v. to make a proposal, declare a plan for something

synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

argument

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

synonym: debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

conscious

adj. being aware of and able to respond to what is happening around you

synonym: aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded

He became **conscious** that he was being followed.

contradict

v. to deny the truth of a statement by stating the opposite; to be in conflict with

synonym: conflict, oppose, belie

(1) **contradict** each other, (2) **contradict** the principle

The book contains numerous statements that **contradict** previous reports.

physic

n. a medicine or drug used to treat or alleviate illnesses; the practice of medicine or healing

synonym: medicine, remedy, treatment

(1) herbal **physic**, (2) **physic** garden

The doctor suggested a dose of **physic** to help with his digestive issues.

intuitive

adj. obtained through feelings rather than facts or proof

synonym: involuntary, instinctive, innate

(1) **intuitive** eating, (2) **intuitive** judgment

I had an **intuitive** feeling that I might be pregnant.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

transcend

v. to rise above or go beyond the limits of something

synonym: surpass, exceed, overcome

(1) **transcend** boundaries, (2) **transcend** limits

The music **transcended** cultural barriers and reached audiences globally.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

instance

n. a particular example or single occurrence of something

synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

structure

- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
- synonym* : construction, architecture, establishment
- (1) the **structure** of a machine, (2) **structure** and function of the brain
- The organizational **structure** of start-ups is often flat and straightforward.

function

- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
- synonym* : purpose, mapping, job
- (1) **function** properly, (2) immune **function**
- The brain is an incredibly complex organ that controls the body's **function**.

ineffable

- adj.* too great or extreme to be expressed or described in words; too sacred or spiritual to be spoken of
- synonym* : indescribable, inexpressible, unutterable
- (1) **ineffable** happiness, (2) **ineffable** joy
- The **ineffable** beauty of the sunset left me speechless.

quale

- n.* a philosophical term referring to the subjective or qualitative aspects of a conscious experience, often used to describe the qualities or characteristics of something that cannot be easily measured or objectively explained, such as the subjective experience of color or taste
- synonym* : aspect, feature, property
- (1) **quale** of richness, (2) **quale** perception
- The artist's painting captured the **quale** of serenity found in nature.

accurate

adj. correct and exact in all details

synonym : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

itch

v. to have an uncomfortable feeling on the skin that makes you want to scratch it

synonym : scratch, tingle, irritate

(1) **itch** constantly, (2) **itch** to speak

I can't stop **itching** my arm because of the mosquito bite.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

recreate

v. to make something that existed previously happen or appear to exist again

synonym : renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym : inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

corresponding

adj. similar to, connected with, or accompanying something, especially in position or purpose

synonym : matching, equivalent, analogous

(1) find a **corresponding** lack, (2) the **corresponding** word in Spanish

The **corresponding** number on the dial was 3.

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.

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.

extensive

adj. covering a large area; having a wide range

synonym: ample, comprehensive, vast

(1) **extensive** experience, (2) have **extensive** vocabulary

The incident attracted **extensive** media coverage throughout the world.

convey

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

synonym: communicate, transfer, deliver

(1) **convey** a complex idea, (2) **convey** goods by truck

An ironic remark often **conveys** an intended meaning obliquely.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order
The restaurant **reversed** a ban on smoking.

stance

n. a way of thinking about something, especially expressed publicly; attitude or position of a standing person or animal

synonym: attitude, standpoint, viewpoint

(1) change her **stance**, (2) the batting **stance**

He continued to support her political **stance**.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

definitive

adj. serving to provide a final solution or to end a situation; final and not able to be changed

synonym: conclusive, final, decisive

(1) **definitive** answer, (2) a **definitive** edition

The study provided **definitive** proof of the effectiveness of the new drug.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

permanent

adj. lasting for a long time without essential change

synonym : lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

comprehension

n. the ability to understand or grasp the meaning of something, especially through knowledge or experience

synonym : understanding, knowledge, insight

(1) **comprehension** level, (2) a listening **comprehension** test

Her **comprehension** of the material was impressive for someone so young.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym : beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties

He tried to **overcome** a bad reputation and win the election.

Session 2: Spelling

- | | |
|---|--|
| 1. evolutionary bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 2. notable in_____ce | <i>n.</i> a particular example or single occurrence of something |
| 3. the ar_____nt against capital punishment | <i>n.</i> a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute |
| 4. com_____ion level | <i>n.</i> the ability to understand or grasp the meaning of something, especially through knowledge or experience |
| 5. an int_____nce test | <i>n.</i> the ability to learn, comprehend, or make judgments or conclusions based on reasons |
| 6. keen per_____on | <i>n.</i> a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses |
| 7. re_____e the trend | <i>v.</i> to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear |
| 8. excite the ne_____ns | <i>n.</i> a cell that is specialized to carry information within the brain and between the brain and other parts of the body |

ANSWERS: 1. biology, 2. instance, 3. argument, 4. comprehension, 5. intelligence, 6. perception, 7. reverse, 8. neuron

9. a blazing ar_____nt *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
10. di_____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
11. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
12. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
13. his conclusion was ob_____s *adj.* easy to see, discover or understand
14. get ne_____s *adj.* worried and anxious about something; relating to the nerves
15. phi_____hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
16. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
17. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
18. con_____ct the principle *v.* to deny the truth of a statement by stating the opposite; to be in conflict with

ANSWERS: 9. argument, 10. display, 11. capture, 12. necessarily, 13. obvious, 14. nervous, 15. philosophy, 16. decide, 17. discovery, 18. contradict

19. herbal ph___c *n.* a medicine or drug used to treat or alleviate illnesses; the practice of medicine or healing
20. provide ac_____te information *adj.* correct and exact in all details
21. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
22. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
23. ov_____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
24. ph___c garden *n.* a medicine or drug used to treat or alleviate illnesses; the practice of medicine or healing
25. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
26. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
27. br_____nt performance *adj.* extremely clever, skilled, or impressive
28. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
29. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 19. physic, 20. accurate, 21. aspect, 22. reverse, 23. overcome, 24. physic, 25. mimic, 26. represent, 27. brilliant, 28. decide, 29. biology

30. dis_____sh man from the other animals
v. to notice or understand the difference between two people or things
31. ex_____ve experience
adj. covering a large area; having a wide range
32. long-wav_____th laser
n. the distance between two points in the same phase in consecutive cycles of a wave
33. def_____ve answer
adj. serving to provide a final solution or to end a situation; final and not able to be changed
34. i__h constantly
v. to have an uncomfortable feeling on the skin that makes you want to scratch it
35. pr_____e changes
v. to make a proposal, declare a plan for something
36. a scientific di_____ry
n. the act or process of finding information, a place, or an object, or learning about something that was previously not known
37. per_____on of a stimulus
n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
38. western phi_____hy
n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
39. i__h to speak
v. to have an uncomfortable feeling on the skin that makes you want to scratch it

ANSWERS: 30. distinguish, 31. extensive, 32. wavelength, 33. definitive, 34. itch, 35. propose, 36. discovery, 37. perception, 38. philosophy, 39. itch

40. an ele_____al storm *adj.* relating to electricity
41. cor_____nd to a standard *v.* to match or be similar to something else almost exactly; to exchange messages
42. mal_____on alarm *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
43. pe_____ve a threat *v.* to become aware or conscious of something through the senses
44. make a fr__k apology *adj.* honest and sincere; open and candid in expression
45. in_____ve eating *adj.* obtained through feelings rather than facts or proof
46. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
47. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
48. a listening com_____ion test *n.* the ability to understand or grasp the meaning of something, especially through knowledge or experience
49. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
50. in_____ve judgment *adj.* obtained through feelings rather than facts or proof

ANSWERS: 40. electrical, 41. correspond, 42. malfunction, 43. perceive, 44. frank, 45. intuitive, 46. retina, 47. universe, 48. comprehension, 49. neuroscience, 50. intuitive

51. 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
52. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
53. in_____le happiness *adj.* too great or extreme to be expressed or described in words; too sacred or spiritual to be spoken of
54. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
55. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
56. wav_____th of light *n.* the distance between two points in the same phase in consecutive cycles of a wave
57. br_____nt idea *adj.* extremely clever, skilled, or impressive
58. cor_____nd with a foreign student *v.* to match or be similar to something else almost exactly; to exchange messages
59. nuclear ph_____s *n.* the science of matter and energy and their interactions
60. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
61. di_____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

ANSWERS: 51. neuron, 52. fundamental, 53. ineffable, 54. frank, 55. argue, 56. wavelength, 57. brilliant, 58. correspond, 59. physics, 60. experiment, 61. display

62. pe____ve light *v.* to become aware or conscious of something through the senses
63. tr_____nd boundaries *v.* to rise above or go beyond the limits of something
64. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
65. laws of ph____s *n.* the science of matter and energy and their interactions
66. a def_____ve edition *adj.* serving to provide a final solution or to end a situation; final and not able to be changed
67. ob____s reasons *adj.* easy to see, discover or understand
68. in_____le joy *adj.* too great or extreme to be expressed or described in words; too sacred or spiritual to be spoken of
69. qu__e perception *n.* a philosophical term referring to the subjective or qualitative aspects of a conscious experience, often used to describe the qualities or characteristics of something that cannot be easily measured or objectively explained, such as the subjective experience of color or taste
70. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
71. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 62. perceive, 63. transcend, 64. brain, 65. physics, 66. definitive, 67. obvious, 68. ineffable, 69. quale, 70. necessarily, 71. capture

72. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
73. st_____te the nervous system *v.* to encourage something to develop or become more active; to stir the feelings or emotions
74. find a cor_____ing lack *adj.* similar to, connected with, or accompanying something, especially in position or purpose
75. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
76. traffic c__e *n.* a geometric shape that tapers to a point at one end and has a circular base at the other end
77. ne___l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
78. a theoretical concept in neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
79. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
80. pr_____e the amendment *v.* to make a proposal, declare a plan for something
81. co___y a complex idea *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

ANSWERS: 72. nervous, 73. stimulate, 74. corresponding, 75. argue, 76. cone, 77. neural, 78. neuroscience, 79. universe, 80. propose, 81. convey

82. change her st___e *n.* a way of thinking about something, especially expressed publicly; attitude or position of a standing person or animal
83. for in_____ce *n.* a particular example or single occurrence of something
84. re_____te a single country *v.* to make something that existed previously happen or appear to exist again
85. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
86. qu___e of richness *n.* a philosophical term referring to the subjective or qualitative aspects of a conscious experience, often used to describe the qualities or characteristics of something that cannot be easily measured or objectively explained, such as the subjective experience of color or taste
87. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
88. tr_____nd limits *v.* to rise above or go beyond the limits of something
89. ne___l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
90. re_____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again
91. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 82. stance, 83. instance, 84. recreate, 85. experiment, 86. quale, 87. retina, 88. transcend, 89. neural, 90. recreate, 91. structure

92. mal_____on and start moving unpredictably *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
93. co_____us effort *adj.* being aware of and able to respond to what is happening around you
94. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
95. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
96. literature of pe_____nt value *adj.* lasting for a long time without essential change
97. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
98. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
99. a prodigious vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
100. ac_____te measurements *adj.* correct and exact in all details
101. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
102. op__c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics

ANSWERS: 92. malfunction, 93. conscious, 94. represent, 95. intelligence, 96. permanent, 97. aspect, 98. conscious, 99. vision, 100. accurate, 101. mimic, 102. optic

103. fu____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
104. en____ly satisfied with the meal *adv.* completely
105. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
106. op__c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
107. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
108. ov____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
109. the cor_____ing word in Spanish *adj.* similar to, connected with, or accompanying something, especially in position or purpose

ANSWERS: 103. function, 104. entirely, 105. function, 106. optic, 107. structure, 108. overcome, 109. corresponding

110. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
111. co___y goods by truck *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
112. st_____te the economy *v.* to encourage something to develop or become more active; to stir the feelings or emotions
113. degree in ele_____al engineering *adj.* relating to electricity
114. ice cream c___e *n.* a geometric shape that tapers to a point at one end and has a circular base at the other end
115. dis_____sh these two things *v.* to notice or understand the difference between two people or things
116. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
117. have ex_____ve vocabulary *adj.* covering a large area; having a wide range
118. con_____ct each other *v.* to deny the truth of a statement by stating the opposite; to be in conflict with
119. he was en_____ly to blame *adv.* completely
120. basic br___n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 110. fundamental, 111. convey, 112. stimulate, 113. electrical, 114. cone, 115. distinguish, 116. vision, 117. extensive, 118. contradict, 119. entirely, 120. brain

121. the batting st___e

n. a way of thinking about something, especially expressed publicly; attitude or position of a standing person or animal

122. pe_____nt life insurance

adj. lasting for a long time without essential change

ANSWERS: 121. stance, 122. permanent

Session 3: Fill in the Blanks

1. This accident was something that happened _____.
adv. in an essential manner; in such a way as could not be otherwise
2. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
3. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something
4. We elected him to _____ us at the international conference.
v. to speak, act, or be present on behalf of another person or group; to form or constitute
5. In terms of _____ he was head and shoulders above his classmates.
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
6. The restaurant _____ a ban on smoking.
v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
7. Her research team made an important _____.
n. the act or process of finding information, a place, or an object, or learning about something that was previously not known
8. I had an _____ feeling that I might be pregnant.
adj. obtained through feelings rather than facts or proof

ANSWERS: 1. necessarily, 2. universe, 3. propose, 4. represent, 5. intelligence, 6. reversed, 7. discovery, 8. intuitive

9. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things
10. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
11. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
12. Driving is difficult for me because of my poor _____.
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
13. X-rays revealed a small tumor in his _____.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
14. The _____ number on the dial was 3.
- adj.* similar to, connected with, or accompanying something, especially in position or purpose
15. The official transcript contains _____ academic records.
- adj.* correct and exact in all details
16. 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

ANSWERS: 9. biology, 10. function, 11. decide, 12. vision, 13. brain, 14. corresponding, 15. accurate, 16. mimic

17. The incident attracted _____ media coverage throughout the world.

adj. covering a large area; having a wide range

18. His _____ showed highly positive results.

n. the scientific test conducted to observe what happens and gain new knowledge

19. There was a disturbance of _____ function.

adj. of or relating to a nerve or the nervous system that includes the brain

20. The campaign ad was designed with bright colors and bold fonts for maximum _____ impact.

adj. relating to vision or the eyes; relating to or involving light or optics

21. The car's engine _____ on the highway, so we had to call for a tow truck.

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

22. The artist's painting captured the _____ of serenity found in nature.

n. a philosophical term referring to the subjective or qualitative aspects of a conscious experience, often used to describe the qualities or characteristics of something that cannot be easily measured or objectively explained, such as the subjective experience of color or taste

23. The music _____ cultural barriers and reached audiences globally.

v. to rise above or go beyond the limits of something

24. He became _____ that he was being followed.

adj. being aware of and able to respond to what is happening around you

ANSWERS: 17. extensive, 18. experiments, 19. neural, 20. optic, 21. malfunctioned, 22. quale, 23. transcended, 24. conscious

25. The _____ between the two sides over the proposed policy was heated.
n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
26. Her _____ of the material was impressive for someone so young.
n. the ability to understand or grasp the meaning of something, especially through knowledge or experience
27. The study provided _____ proof of the effectiveness of the new drug.
adj. serving to provide a final solution or to end a situation; final and not able to be changed
28. The book _____ my imagination.
v. to encourage something to develop or become more active; to stir the feelings or emotions
29. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
30. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected
31. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
32. The doctor suggested a dose of _____ to help with his digestive issues.
n. a medicine or drug used to treat or alleviate illnesses; the practice of medicine or healing

ANSWERS: 25. argument, 26. comprehension, 27. definitive, 28. stimulated, 29. obvious, 30. fundamental, 31. aspects, 32. physic

33. He continued to support her political _____.

- n.* a way of thinking about something, especially expressed publicly; attitude or position of a standing person or animal

34. He is a man admired for the depth of his _____.

- n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

35. I can't stop _____ my arm because of the mosquito bite.

- v.* to have an uncomfortable feeling on the skin that makes you want to scratch it

36. She _____ the atmosphere of the pre-war age with her stage setting.

- v.* to make something that existed previously happen or appear to exist again

37. Full involvement means _____ and prompt responses.

- adj.* honest and sincere; open and candid in expression

38. The couple began to _____ over which restaurant to go to for dinner.

- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

39. He suffers from _____ breakdowns.

- adj.* worried and anxious about something; relating to the nerves

40. Later, his claim was found to be _____ false.

- adv.* completely

41. White color is made up of many different _____ of light.

- n.* the distance between two points in the same phase in consecutive cycles of a wave

ANSWERS: 33. stance, 34. perception, 35. itching, 36. recreated, 37. frank, 38. argue, 39. nervous, 40. entirely, 41. wavelengths

42. 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
43. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
44. Damage to the _____ may play a role in the development of glaucoma.
n. the innermost light-sensitive membrane covering the back wall of the eyeball
45. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
46. An ironic remark often _____ an intended meaning obliquely.
v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
47. The more _____ you are, the more people around you look at you with envy and jealousy.
adj. extremely clever, skilled, or impressive
48. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
49. We need to _____ our products in an attractive way to attract customers.
v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

ANSWERS: 42. neuron, 43. perceived, 44. retina, 45. structure, 46. conveys, 47. brilliant, 48. physics, 49. display

50. Ethics is a branch of _____.

- n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

51. The _____ beauty of the sunset left me speechless.

- adj.* too great or extreme to be expressed or described in words; too sacred or spiritual to be spoken of

52. These articles cite five _____ of climate change.

- n.* a particular example or single occurrence of something

53. The book contains numerous statements that _____ previous reports.

- v.* to deny the truth of a statement by stating the opposite; to be in conflict with

54. I was able to _____ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

55. This study _____ four different ways to run a business.

- v.* to notice or understand the difference between two people or things

56. She is searching for a _____ residence.

- adj.* lasting for a long time without essential change

57. _____ cells in the eye's retina are responsible for color vision and visual acuity.

- n.* a geometric shape that tapers to a point at one end and has a circular base at the other end

ANSWERS: 50. philosophy, 51. ineffable, 52. instances, 53. contradict, 54. capture, 55. distinguished, 56. permanent, 57. Cone-shaped

58. Actuators convert _____ pulses into motion.

adj. relating to electricity

59. The numbers on the sign _____ to points on the map.

v. to match or be similar to something else almost exactly; to exchange messages

60. 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

61. He tried to _____ a bad reputation and win the election.

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

ANSWERS: 58. electrical, 59. correspond, 60. neuroscience, 61. overcome