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Elizabeth Cox: Can you outsmart the fallacy that fooled a generation of doctors? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

wreck

n. a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident

synonym : collapse, destruction, devastation

(1) the house was a **wreck**, (2) a worthless **wreck**

The divers accidentally discovered a **wreck** on the ocean floor.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

synonym : argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

rage

n. a strong feeling of anger or violence

synonym : fury, anger, outrage

(1) uncontrollable **rage**, (2) fall into a **rage**

She was filled with a burning **rage** at the injustice she had witnessed.

physician

n. a medical doctor who practices medicine

synonym: doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

childbed

n. the period immediately following the birth of a child, during which a mother recovers from childbirth and adjusts to caring for a newborn

synonym: childbirth, delivery, labor

(1) **childbed** fever, (2) post- **childbed** recovery

The midwife closely monitored the woman's condition during her **childbed**.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym: hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

obstetrician

n. a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period

synonym: doctor, gynecologist, accoucheur

(1) **obstetrician** appointment, (2) female **obstetrician**

The new mother was grateful for the support she received from her **obstetrician**.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or

someone; to celebrate or commemorate a special event or occasion

synonym : watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

abdominal

adj. of or relating to the part of the body that contains the stomach, intestines, and other organs

synonym : belly, ventral

(1) an **abdominal** operation, (2) **abdominal** muscles

He felt a sharp pain in his **abdominal** area.

inflammation

n. a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

synonym : rash, hives, irritation

(1) reduce **inflammation** and pain, (2) **inflammation** of the lungs

The medicine soothes the pain of chronic **inflammation**.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym : assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

skepticism

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

synonym: distrust, doubt, suspicion

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

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

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.

fallacy

n. a mistaken belief, idea, or argument that is not supported by facts or evidence; a deceptive or misleading statement or belief

synonym: falsity, misconception, delusion

(1) **fallacy** of logic, (2) belief in a **fallacy**

Many people cling to the **fallacy** that they can get rich quickly, despite all evidence.

correlation

n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

synonym: relationship, connection, association

(1) ecological **correlation**, (2) **correlation** coefficient

There is a strong **correlation** between education level and income.

imply

v. to indicate the truth or existence of something without referring to it

synonym: hint, indicate, denote

(1) **imply** a strong correlation, (2) **imply** the presence of alien

The salespeople speak in technical terms to **imply** that they are more knowledgeable than the customer.

causation

n. the action or relationship between an event or action and its effect or consequence; the explanation for why something happens

synonym: cause, reason, origin

(1) **causation** analysis, (2) direct **causation**

The **causation** of the disease is still under investigation by medical researchers.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

regularly

adv. at regular intervals or times

synonym: repeatedly, routinely, usually

(1) **regularly** arranged, (2) post **regularly** to a blog

This site **regularly** shares high-quality academic materials.

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**.

logic

n. a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

synonym: reasoning, reason, ratiocination

(1) an indisputable **logic**, (2) a demonstration in **logic**

There's no **logic** in his description.

correlate

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

synonym: associate, liken, connect

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

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

purity

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym: sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

coincidence

n. an occasion when two or more similar things happen at the same time by chance, in a surprising way

synonym: co-occurrence, concurrency, accident

(1) the **coincidence** of an opinion, (2) by a strange **coincidence**

It was a pure **coincidence** that we met her in the library.

causal

adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

synonym: causative, contributory, connected

(1) **causal** chain, (2) **causal** effect

The study aimed to establish a **causal** relationship between smoking and lung cancer.

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym: resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym: fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

humor

n. the quality of being amusing or funny; the liquid parts of the body

synonym: comedy, funniness, liquid substance

(1) sardonic **humor**, (2) vitreous **humor**

My wife seems to be in ill **humor**.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

scathe

v. to harm or injure someone or something, often by using words or criticism; to cut or wound deeply

synonym: damage, harm, hurt

(1) **scathe** the coastal town, (2) **scathe** the politician's credibility

The harsh words from her boss were enough to **scathe** her confidence for the rest of the day.

autopsy

n. a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

synonym: postmortem examination, necropsy, examination

(1) forensic **autopsy**, (2) perform an **autopsy**

The **autopsy** report revealed that the cause of death was a heart attack.

victim

n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

synonym: prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

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.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

contaminate

v. to make something impure, unclean, or poisonous by contact or mixture

synonym: defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego

We strive not to **contaminate** the environment when demolishing petroleum plants.

surgery

n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

synonym: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

synonym: apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

infallible

adj. incapable of making mistakes or being wrong; never failing; always accurate

synonym: certain, flawless, faultless

(1) **infallible** leadership, (2) **infallible** plan

The CEO's business strategy was built on **infallible** market analysis and forecast.

refuse

v. to show that one is not willing to do or accept something

synonym: turn down, deny, decline

(1) **refuse** a request, (2) **refuse** the company

My initial reaction was to **refuse**.

possibility

n. a chance that something may happen or be true

synonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

plight

n. a difficult or unfortunate situation

synonym: crisis, predicament, trouble

(1) miserable **plight**, (2) the **plight** of the poor

The government has ignored the **plight** of the homeless population.

flaw

n. a fault, mistake, or weakness that causes something not to be perfect

synonym: defect, fault, imperfection

(1) a minor **flaw**, (2) the **flaw** in the legislation

Even the slightest design **flaw** in an aircraft can lead to a fatal accident.

investigation

n. the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth

synonym: examination, analysis, inspection

(1) a preliminary **investigation**, (2) the scope of an

investigation

We have never before conducted a legitimate **investigation**.

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym: hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

personnel

n. a group of people who are employed in an organization or one of the armed forces; the department responsible for hiring, training, and placing employees

synonym: workforce, staff, labor force

(1) competent **personnel**, (2) **personnel** evaluation

Please forward the resumes to the **personnel** department.

disinfect

v. to clean something using chemicals or other materials that kill germs or bacteria, making it safe and free from harmful microorganisms

synonym: cleanse, sanitize, sterilize

(1) **disinfect** a wound, (2) **disinfect** the kitchen

It is important to **disinfect** surfaces regularly to prevent the spread of germs.

contagious

adj. able to be passed on to others through contact or proximity, especially by infection or disease

synonym: infectious, transmissible, communicable

(1) **contagious** enthusiasm, (2) **contagious** virus

The disease is highly **contagious** and spreads quickly.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym : accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

streptococcus

n. a genus of bacteria that includes many species, some of which can cause a wide range of infections in humans and animals, including strep throat, pneumonia, and skin infections

synonym : bacteria, germs, microbes

(1) **streptococcus** infection, (2) group A **streptococcus** **Streptococcus** mutans is a type of bacteria that can cause tooth decay.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria** **Bacteria** prevalent in hospitals are often resistant to antibiotics.

fry

v. to cook food, especially meat or fish, in hot fat or oil

synonym : cook, roast, bake

(1) **fry** an egg, (2) **fry** over low heat

She devoted herself to **frying** the chicken in a pan until it was crispy and golden brown.

melt

v. to turn from something solid into something soft or liquid as a result of heating

synonym : disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

Session 2: Spelling

- | | |
|---------------------------------|---|
| 1. di_____ct a wound | <i>v.</i> to clean something using chemicals or other materials that kill germs or bacteria, making it safe and free from harmful microorganisms |
| 2. obs_____ian appointment | <i>n.</i> a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period |
| 3. im__y a strong correlation | <i>v.</i> to indicate the truth or existence of something without referring to it |
| 4. di_____ct the kitchen | <i>v.</i> to clean something using chemicals or other materials that kill germs or bacteria, making it safe and free from harmful microorganisms |
| 5. an ab_____al operation | <i>adj.</i> of or relating to the part of the body that contains the stomach, intestines, and other organs |
| 6. temporary me_____l treatment | <i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine |
| 7. sardonic hu__r | <i>n.</i> the quality of being amusing or funny; the liquid parts of the body |
| 8. competent pe_____el | <i>n.</i> a group of people who are employed in an organization or one of the armed forces; the department responsible for hiring, training, and placing employees |
| 9. forensic au_____y | <i>n.</i> a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals) |

ANSWERS: 1. disinfect, 2. obstetrician, 3. imply, 4. disinfect, 5. abdominal, 6. medical, 7. humor, 8. personnel, 9. autopsy

10. ske_____sm toward bureaucracy *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
11. ca___l chain *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
12. an in_____le asset *adj.* impossible or nearly impossible to see
13. natural ske_____sm *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
14. consult with a ph_____an *n.* a medical doctor who practices medicine
15. opp_____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement
16. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
17. the professor of su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
18. f_y over low heat *v.* to cook food, especially meat or fish, in hot fat or oil

ANSWERS: 10. skepticism, 11. causal, 12. invisible, 13. skepticism, 14. physician, 15. opposition, 16. correlate, 17. surgery, 18. fry

19. sc___e the politician's credibility *v.* to harm or injure someone or something, often by using words or criticism; to cut or wound deeply
20. group A str_____cus *n.* a genus of bacteria that includes many species, some of which can cause a wide range of infections in humans and animals, including strep throat, pneumonia, and skin infections
21. di____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
22. cardiac su____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
23. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
24. f_y an egg *v.* to cook food, especially meat or fish, in hot fat or oil
25. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
26. m__t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
27. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 19. scathe, 20. streptococcus, 21. discuss, 22. surgery, 23. necessarily, 24. fry, 25. correlate, 26. melt, 27. identify

28. ab_____al muscles *adj.* of or relating to the part of the body that contains the stomach, intestines, and other organs
29. post re_____ly to a blog *adv.* at regular intervals or times
30. pr_____e changes *v.* to make a proposal, declare a plan for something
31. the degree of pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
32. pos_____ty for growth *n.* a chance that something may happen or be true
33. cor_____on coefficient *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
34. uncontrollable r__e *n.* a strong feeling of anger or violence
35. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
36. post-ch_____ed recovery *n.* the period immediately following the birth of a child, during which a mother recovers from childbirth and adjusts to caring for a newborn
37. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 28. abdominal, 29. regularly, 30. propose, 31. purity, 32. possibility, 33. correlation, 34. rage, 35. infect, 36. childbed, 37. bacteria

38. pe_____el evaluation *n.* a group of people who are employed in an organization or one of the armed forces; the department responsible for hiring, training, and placing employees
39. re_____ly arranged *adv.* at regular intervals or times
40. visit to the veterinary cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
41. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
42. sc___e the coastal town *v.* to harm or injure someone or something, often by using words or criticism; to cut or wound deeply
43. 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
44. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
45. an und_____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
46. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
47. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement

ANSWERS: 38. personnel, 39. regularly, 40. clinic, 41. melt, 42. scathe, 43. argument, 44. necessarily, 45. underlying, 46. responsible, 47. opposition

48. con_____us virus *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
49. the ar_____nt against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
50. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
51. de___e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
52. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
53. false cl___m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
54. ch_____ed fever *n.* the period immediately following the birth of a child, during which a mother recovers from childbirth and adjusts to caring for a newborn
55. vi___m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

ANSWERS: 48. contagious, 49. argument, 50. colleague, 51. debate, 52. medical, 53. claim, 54. childbed, 55. victim

56. ob____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
57. con_____te his ego *v.* to make something impure, unclean, or poisonous by contact or mixture
58. a minor f__w *n.* a fault, mistake, or weakness that causes something not to be perfect
59. in_____le stars *adj.* impossible or nearly impossible to see
60. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
61. an und_____ng cause of an accident *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
62. re___e the company *v.* to show that one is not willing to do or accept something
63. cl__m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
64. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 56. observe, 57. contaminate, 58. flaw, 59. invisible, 60. phenomenon, 61. underlying, 62. refuse, 63. claim, 64. develop

65. de___e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
66. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
67. belief in a fa_____y *n.* a mistaken belief, idea, or argument that is not supported by facts or evidence; a deceptive or misleading statement or belief
68. the coi_____ce of an opinion *n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way
69. a preliminary inv_____ion *n.* the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
70. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
71. fall into a r___e *n.* a strong feeling of anger or violence
72. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
73. the f__w in the legislation *n.* a fault, mistake, or weakness that causes something not to be perfect

ANSWERS: 65. debate, 66. identify, 67. fallacy, 68. coincidence, 69. investigation, 70. bacteria, 71. rage, 72. conclude, 73. flaw

74. str_____cus infection *n.* a genus of bacteria that includes many species, some of which can cause a wide range of infections in humans and animals, including strep throat, pneumonia, and skin infections
75. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
76. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
77. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
78. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
79. ca___l effect *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
80. a dental cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
81. pr_____e the amendment *v.* to make a proposal, declare a plan for something
82. pos_____ty of a major earthquake *n.* a chance that something may happen or be true

ANSWERS: 74. streptococcus, 75. strike, 76. conclude, 77. develop, 78. relation, 79. causal, 80. clinic, 81. propose, 82. possibility

83. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
84. inf_____le plan *adj.* incapable of making mistakes or being wrong; never failing; always accurate
85. inf_____le leadership *adj.* incapable of making mistakes or being wrong; never failing; always accurate
86. con_____us enthusiasm *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
87. vitreous hu__r *n.* the quality of being amusing or funny; the liquid parts of the body
88. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
89. the house was a wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
90. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
91. ecological cor_____on *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
92. miserable pl___t *n.* a difficult or unfortunate situation
93. im__y the presence of alien *v.* to indicate the truth or existence of something without referring to it
94. an indisputable lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

ANSWERS: 83. colleague, 84. infallible, 85. infallible, 86. contagious, 87. humor, 88. infect, 89. wreck, 90. strike, 91. correlation, 92. plight, 93. imply, 94. logic

95. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
96. fa_____y of logic *n.* a mistaken belief, idea, or argument that is not supported by facts or evidence; a deceptive or misleading statement or belief
97. vi___m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
98. direct ca_____on *n.* the action or relationship between an event or action and its effect or consequence; the explanation for why something happens
99. a worthless wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
100. by a strange coi_____ce *n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way
101. re___e a request *v.* to show that one is not willing to do or accept something
102. surgical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
103. the pl___t of the poor *n.* a difficult or unfortunate situation

ANSWERS: 95. phenomenon, 96. fallacy, 97. victim, 98. causation, 99. wreck, 100. coincidence, 101. refuse, 102. instrument, 103. plight

104. the scope of an inv_____ion *n.* the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
105. musical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
106. inf_____ion of the lungs *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
107. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
108. perform an au_____y *n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)
109. con_____te with a disease *v.* to make something impure, unclean, or poisonous by contact or mixture
110. female obs_____ian *n.* a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period
111. a demonstration in lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

ANSWERS: 104. investigation, 105. instrument, 106. inflammation, 107. observe, 108. autopsy, 109. contaminate, 110. obstetrician, 111. logic

112. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
113. the advice of the ph_____an *n.* a medical doctor who practices medicine
114. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
115. reduce inf_____ion and pain *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
116. high pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
117. ca_____on analysis *n.* the action or relationship between an event or action and its effect or consequence; the explanation for why something happens
118. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

ANSWERS: 112. responsible, 113. physician, 114. relation, 115. inflammation, 116. purity, 117. causation, 118. discuss

Session 3: Fill in the Blanks

1. Children often _____ parents with this head cold.
 - v.* to affect a person, an animal, or a plant with a disease-causing organism

2. This electronic _____ is required to undergo periodic inspections to ensure precision.
 - n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

3. I decided to seek counseling on the advice of my _____.
 - n.* one of a group of a coworker, especially in a profession or a business

4. _____ prevalent in hospitals are often resistant to antibiotics.
 - n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

5. This accident was something that happened _____.
 - adv.* in an essential manner; in such a way as could not be otherwise

6. We strive not to _____ the environment when demolishing petroleum plants.
 - v.* to make something impure, unclean, or poisonous by contact or mixture

7. This party expresses _____ about the efficacy of the health insurance system.
 - n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

ANSWERS: 1. infect, 2. instrument, 3. colleague, 4. Bacteria, 5. necessarily, 6. contaminate, 7. skepticism

8. The _____ of the crime deserves justice and support to recover from the trauma.
- n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
9. She holds a _____ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
10. The _____ over climate change continues to be a hot topic in politics.
- n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
11. He felt a sharp pain in his _____ area.
- adj.* of or relating to the part of the body that contains the stomach, intestines, and other organs
12. I will introduce you to how to _____ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
13. The _____ of the disease is still under investigation by medical researchers.
- n.* the action or relationship between an event or action and its effect or consequence; the explanation for why something happens
14. The _____ team worked quickly to save the patient's life.
- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
15. A rainbow is a natural _____.
- n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 8. victim, 9. clinic, 10. debate, 11. abdominal, 12. identify, 13. causation, 14. medical, 15. phenomenon

16. The new mother was grateful for the support she received from her _____.
- n.* a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period
17. She devoted herself to _____ the chicken in a pan until it was crispy and golden brown.
- v.* to cook food, especially meat or fish, in hot fat or oil
18. The harsh words from her boss were enough to _____ her confidence for the rest of the day.
- v.* to harm or injure someone or something, often by using words or criticism; to cut or wound deeply
19. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
20. We _____ a cease-fire.
- v.* to come to an end or close; to reach a judgment or opinion by reasoning
21. The medicine soothes the pain of chronic _____.
- n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
22. _____ mutans is a type of bacteria that can cause tooth decay.
- n.* a genus of bacteria that includes many species, some of which can cause a wide range of infections in humans and animals, including strep throat, pneumonia, and skin infections

ANSWERS: 16. obstetrician, 17. frying, 18. scathe, 19. develop, 20. concluded, 21. inflammation, 22. Streptococcus

23. Please forward the resumes to the _____ department.
n. a group of people who are employed in an organization or one of the armed forces; the department responsible for hiring, training, and placing employees
24. The industrial _____ laws were passed with little to no alteration.
n. the way two persons or groups of people feel and act toward one another
25. The study aimed to establish a _____ relationship between smoking and lung cancer.
adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
26. The _____ party strongly disagreed with the government's proposed legislation.
n. the act of disagreeing or resisting; the state of strong disagreement
27. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
28. My initial reaction was to _____.
v. to show that one is not willing to do or accept something
29. This site _____ shares high-quality academic materials.
adv. at regular intervals or times
30. It was a pure _____ that we met her in the library.
n. an occasion when two or more similar things happen at the same time by chance, in a surprising way

ANSWERS: 23. personnel, 24. relations, 25. causal, 26. opposition, 27. correlate, 28. refuse, 29. regularly, 30. coincidence

31. 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
32. The CEO's business strategy was built on _____ market analysis and forecast.
- adj.* incapable of making mistakes or being wrong; never failing; always accurate
33. It is important to _____ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
34. Many people cling to the _____ that they can get rich quickly, despite all evidence.
- n.* a mistaken belief, idea, or argument that is not supported by facts or evidence; a deceptive or misleading statement or belief
35. We _____ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
36. I want to _____ a toast in honor of our longstanding relationship.
- v.* to make a proposal, declare a plan for something
37. The midwife closely monitored the woman's condition during her _____.
- n.* the period immediately following the birth of a child, during which a mother recovers from childbirth and adjusts to caring for a newborn

ANSWERS: 31. argument, 32. infallible, 33. observe, 34. fallacy, 35. strike, 36. propose, 37. childbed

38. Even the slightest design _____ in an aircraft can lead to a fatal accident.
n. a fault, mistake, or weakness that causes something not to be perfect
39. We need to _____ the next steps for the project during our meeting tomorrow.
v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
40. There's no _____ in his description.
n. a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
41. The salespeople speak in technical terms to _____ that they are more knowledgeable than the customer.
v. to indicate the truth or existence of something without referring to it
42. It is important to _____ surfaces regularly to prevent the spread of germs.
v. to clean something using chemicals or other materials that kill germs or bacteria, making it safe and free from harmful microorganisms
43. She was filled with a burning _____ at the injustice she had witnessed.
n. a strong feeling of anger or violence
44. He wants to _____ ownership of the abandoned property.
v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
45. The _____ principle of every business was identical.
adj. significant as a cause or basis of something but not immediately apparent or stated clearly

ANSWERS: 38. flaw, 39. discuss, 40. logic, 41. imply, 42. disinfect, 43. rage, 44. claim, 45. underlying

46. My wife seems to be in ill _____.

n. the quality of being amusing or funny; the liquid parts of the body

47. She visited the local _____ to seek treatment for her persistent headache.

n. a medical doctor who practices medicine

48. The government has ignored the _____ of the homeless population.

n. a difficult or unfortunate situation

49. There is a strong _____ between education level and income.

n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

50. Her resistance _____ under his persuasion.

v. to turn from something solid into something soft or liquid as a result of heating

51. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

adj. answerable or accountable for something within one's power, control, or management

52. The divers accidentally discovered a _____ on the ocean floor.

n. a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident

53. The disease is highly _____ and spreads quickly.

adj. able to be passed on to others through contact or proximity, especially by infection or disease

ANSWERS: 46. humor, 47. physician, 48. plight, 49. correlation, 50. melted, 51. responsible, 52. wreck, 53. contagious

54. We have never before conducted a legitimate _____.
- n.* the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
55. He had undergone heart _____ years before.
- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
56. Higher _____ requires additional equipment and energy.
- n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
57. The _____ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true
58. The _____ report revealed that the cause of death was a heart attack.
- n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)
59. The phenomenon is _____ at optical wavelengths.
- adj.* impossible or nearly impossible to see

ANSWERS: 54. investigation, 55. surgery, 56. purity, 57. possibility, 58. autopsy, 59. invisible