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Vocabulary Builder Reference from...

Daniel Garrie: Defining cyberwarfare... in hopes of preventing it | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

tragic

adj. causing great sadness or suffering; very unfortunate
synonym: calamitous, disastrous, catastrophic

(1) **tragic** love stories, (2) **tragic** death

The **tragic** events of the war left many families torn apart.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

aggression

n. the act of attacking or assaulting; hostile or violent behavior

synonym: hostility, assertiveness, antagonism

(1) **aggression** by a hostile country, (2) naked **aggression**

The dog's **aggression** made it difficult for its owners to take it for a walk.

outlaw

v. to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

synonym : ban, prohibit, (noun) bandit

(1) **outlaw** racial discrimination, (2) **outlaw** cloning of human cells

Some communities began to **outlaw** alcohol consumption.

multilateral

adj. involving or occurring among three or more parties or nations; having multiple sides or aspects; characterized by a cooperative or consensus-building approach to problem-solving or decision-making

synonym : multiple, many-sided, polyvalent

(1) **multilateral** negotiations, (2) **multilateral** trade agreement

The project's success depended on the cooperation of all the **multilateral** parties involved.

convention

n. a large formal assembly of people who do a particular job or have a similar interest or of a political party; something regarded as a normative example

synonym : meeting, conference, congress

(1) **convention** center, (2) political **convention**

They met at biennial **conventions**.

refer

v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

synonym : cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

conflict

n. a strong disagreement, argument, or a violent clash between two opposing groups or individuals

synonym : clash, discord, competition

(1) the **conflict** between good and evil, (2) the longstanding **conflict**

He and I often had **conflicts**, not only in personality but also in ideology.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

warfare

n. the use of military force to achieve political, economic, or social objectives

synonym : combat, fighting, conflict

(1) **warfare** aircraft, (2) spiritual **warfare**

The country has been engaged in a prolonged conflict, with both sides using modern **warfare** tactics.

cyberwarfare

n. the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

synonym : cyberattack, online warfare, digital warfare

(1) **cyberwarfare** defense, (2) **cyberwarfare** threats

Experts warn that **cyberwarfare** attacks are becoming increasingly sophisticated and difficult to detect.

remotely

adv. at a distance; not directly or easily accessible

synonym : distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym : bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

constitute

v. to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something

synonym : comprise, form, make up

(1) **constitute** a threat, (2) **constitute** a majority

The new regulations **constitute** a significant change in the industry standards.

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.

envision

v. to imagine or expect what a situation will be like in the future

synonym : anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

assassin

n. a person who murders a prominent or well-known person for political reasons or in exchange for money

synonym : killer, manslayer

(1) fall victim to an **assassin**, (2) would-be **assassin**

She hired an **assassin** to kill her opponent.

perpetrate

v. to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation

synonym : commit, perform, execute

(1) **perpetrate** harassment, (2) **perpetrate** a fraud

The criminal decided to **perpetrate** another robbery despite his previous arrest.

individual

n. a single person or thing, as distinct from a group

synonym : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

government

n. the group of people with authority to control a country or state

synonym : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym : cordless, radio

(1) **wireless** access, (2) **wireless** charging

The office's **wireless** network allows employees to work from anywhere in the building.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

pacemaker

n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

synonym: heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

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: misfunction, 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.

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

cyber

adj. relating to or involving computers, computer networks, or virtual reality

synonym: digital, computer, Internet

(1) **cyber** bullying, (2) **cyber** crime

Cyber espionage between countries can have serious consequences.

assassination

n. the act of killing a public figure, especially a political leader, usually for political or religious motives

synonym : murder, killing, execution

(1) failed **assassination** attempt, (2) **assassination** plot
The **assassination** of the president sent shockwaves through the nation.

cooperative

adj. involving doing something jointly or working with others to achieve a common goal

synonym : harmonious, collegial, helpful

(1) **cooperative** savings, (2) fishing **cooperative**
We appreciate your **cooperative** efforts.

infiltrate

v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

synonym : penetrate, sneak in, invade

(1) **infiltrate** the bloodstream, (2) **infiltrate** a community
The spy was able to **infiltrate** the enemy's headquarters undetected.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

(1) **nuclear** fusion, (2) use of **nuclear** power
Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

aircraft

n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter

synonym : airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system
The marine **aircraft** manufacturer demonstrated their newest hydroplane.

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.

defensive

adj. used or intended to protect someone or something against attack or aggression

synonym : protective, watchful, opposing

(1) assume the **defensive**, (2) **defensive** weapons

Boxing fans often criticize his **defensive** stance.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym : discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

cyberattack

n. an attempt to damage, disrupt, or gain unauthorized access to a computer system or network

synonym : cyber intrusion, hack, cyberterrorism

(1) **cyberattack** prevention, (2) **cyberattack** defense system

The hackers launched a devastating **cyberattack**, stealing sensitive information from the company's servers.

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym : gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

patient

n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss
The doctor carefully examined the **patient's** medical history.

origin

n. the first existence or beginning of something
synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**
There are various hypotheses concerning the **origin** of life.

counterattack

n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
synonym: retaliation, reprisal, response

(1) gear up for a **counterattack**, (2) launch a **counterattack**
The company launched a **counterattack** against its rivals with a new marketing campaign.

fragile

adj. delicate or easily broken or damaged
synonym: delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem
The vase was made of **fragile** ceramic and easily broke when it was dropped.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
synonym: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost
Aging societies tend to require huge costs for **infrastructure** maintenance.

feeble

adj. lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact
synonym: weak, frail, feeble-minded

(1) **feeble** attempt, (2) **feeble** excuse
The older man's **feeble** voice suggested he was not feeling well.

cybersecurity

n. the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction

synonym : information security, cyber protection

(1) **cybersecurity** threat, (2) **cybersecurity** measures

As the use of technology continues to increase in everyday life, **cybersecurity** awareness and education become even more important

antiquated

adj. outdated or old-fashioned

synonym : old-fashioned, outdated, obsolete

(1) **antiquated** system, (2) have an **antiquated** custom

The factory was forced to shut down due to its **antiquated** equipment.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

retaliation

n. the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act

synonym : retribution, revenge, vengeance

(1) **retaliation** tactics, (2) **retaliation** against discrimination

The company faced heavy **retaliation** from its competitors after releasing a controversial product.

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.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym : armed, martial, warlike

(1) a **military** operation, (2) a **military** leader

The **military** academy was known for its strict discipline and training.

oversee

v. to watch and direct someone or something to make sure that it is being done correctly

synonym : manage, command, supervise

(1) **oversee** the process, (2) properly **oversee** the staff

A committee was appointed to **oversee** a huge budget.

commander

n. a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force

synonym : leader, captain, officer

(1) **commander** in chief, (2) police **commander**

The military **commander** led their troops into battle with precision and strategic planning.

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

intent

n. a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

synonym : purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

aim

v. to try or plan to get or achieve something

synonym : aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

atrocious

n. brutal act; an extremely wicked or cruel act

synonym : evil, horror, iniquity

(1) commit **atrocious**, (2) cold-blooded **atrocious**

The **atrocious** of the war left many children orphaned.

atrocious

adj. shockingly bad or unpleasant; extremely cruel or brutal

synonym : terrible, heinous, abominable

(1) **atrocious** weather, (2) **atrocious** manners

The food at the restaurant was **atrocious** and lacked any flavor.

atomic

adj. of or relating to atom (= the smallest component of an element)

synonym : tiny, microscopic, nuclear

(1) **atomic** nucleus, (2) **atomic** bomb

Carbon has an **atomic** mass of 12.

bomb

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

synonym :

missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym: association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

poisonous

adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

synonym: toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to humans if bitten.

committed

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

synonym: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

silent

adj. without any or little sound

synonym: quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym:

assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

countless

adj. too numerous to be counted or very many

synonym: innumerable, myriad, numerous

(1) **countless** hours, (2) answer **countless** questions

There are **countless** methods for dealing with stress.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

plausible

adj. seeming reasonable or likely to be true, and therefore convincing

synonym: probable, conceivable, credible

(1) **plausible** explanation, (2) a **plausible** liar

She could find no **plausible** explanation for its failure.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

burgeon

v. to grow or develop rapidly, especially in a healthy or vigorous way

synonym: flourish, bloom, thrive

(1) **burgeon** rapidly, (2) **burgeon** from every corner.

The city's art scene has been **burgeoning** recently, with new galleries and exhibitions popping up regularly.

definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word

Parallel lines are, by **definition**, lines on the same plane that never cross.

deter

v. to discourage or prevent someone from doing something

synonym: prevent, discourage, forestall

(1) **deter** aggression, (2) **deter** crime

The high fence was meant to **deter** intruders from entering the property.

Session 2: Spelling

1. a tr_____on of a culture
n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
2. m__t the ice
v. to turn from something solid into something soft or liquid as a result of heating
3. wa_____e aircraft
n. the use of military force to achieve political, economic, or social objectives
4. en_____er shortage
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
5. con_____te to society
v. to give something, especially money or goods, to provide or achieve something together with other people
6. wi_____ss access
adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
7. pl_____le explanation
adj. seeming reasonable or likely to be true, and therefore convincing
8. a mi_____ry leader
adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
9. would-be as_____in
n. a person who murders a prominent or well-known person for political reasons or in exchange for money

ANSWERS: 1. tradition, 2. melt, 3. warfare, 4. engineer, 5. contribute, 6. wireless, 7. plausible, 8. military, 9. assassin

10. give si___t consent *adj.* without any or little sound
11. 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
12. a pl_____le liar *adj.* seeming reasonable or likely to be true, and therefore convincing
13. gov_____nt funding *n.* the group of people with authority to control a country or state
14. ret_____on tactics *n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act
15. fr_____e ecosystem *adj.* delicate or easily broken or damaged
16. the ha_____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
17. wi_____ss charging *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
18. disarm the b__b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

ANSWERS: 10. silent, 11. debate, 12. plausible, 13. government, 14. retaliation, 15. fragile, 16. hardware, 17. wireless, 18. bomb

19. in a co_____ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
20. cy__r crime *adj.* relating to or involving computers, computer networks, or virtual reality
21. implanted pa_____er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
22. a gas ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
23. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
24. coo_____ve savings *adj.* involving doing something jointly or working with others to achieve a common goal
25. de__r crime *v.* to discourage or prevent someone from doing something
26. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
27. or___n of information *n.* the first existence or beginning of something
28. police co_____er *n.* a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force

ANSWERS: 19. committed, 20. cyber, 21. pacemaker, 22. chamber, 23. responsible, 24. cooperative, 25. deter, 26. melt, 27. origin, 28. commander

29. inf_____te a community *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
30. ou___w racial discrimination *v.* to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
31. inf_____te the bloodstream *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
32. cyb_____ck defense system *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
33. at___c nucleus *adj.* of or relating to atom (= the smallest component of an element)
34. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
35. racial or___n *n.* the first existence or beginning of something
36. un_____h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
37. bu_____n rapidly *v.* to grow or develop rapidly, especially in a healthy or vigorous way
38. an ai_____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter

ANSWERS: 29. infiltrate, 30. outlaw, 31. infiltrate, 32. cyberattack, 33. atomic, 34. infrastructure, 35. origin, 36. unleash, 37. burgeon, 38. aircraft

39. cyb_____ity measures *n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
40. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
41. tr___c death *adj.* causing great sadness or suffering; very unfortunate
42. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
43. con_____te a threat *v.* to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something
44. fall victim to an as_____in *n.* a person who murders a prominent or well-known person for political reasons or in exchange for money
45. en_____on the future *v.* to imagine or expect what a situation will be like in the future
46. ov_____e the process *v.* to watch and direct someone or something to make sure that it is being done correctly
47. the ul_____te luxury *adj.* furthest or highest in degree or order
48. gear up for a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it

ANSWERS: 39. cybersecurity, 40. engineer, 41. tragic, 42. nation, 43. constitute, 44. assassin, 45. envision, 46. oversee, 47. ultimate, 48. counterattack

49. re____ly operate *adv.* at a distance; not directly or easily accessible
50. mul_____ral negotiations *adj.* involving or occurring among three or more parties or nations; having multiple sides or aspects; characterized by a cooperative or consensus-building approach to problem-solving or decision-making
51. co_____er in chief *n.* a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force
52. co_____ss hours *adj.* too numerous to be counted or very many
53. de_____ve weapons *adj.* used or intended to protect someone or something against attack or aggression
54. per_____te harassment *v.* to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation
55. si___t reading *adj.* without any or little sound
56. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
57. test my hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

ANSWERS: 49. remotely, 50. multilateral, 51. commander, 52. countless, 53. defensive, 54. perpetrate, 55. silent, 56. virus, 57. hypothesis

58. at_____us manners *adj.* shockingly bad or unpleasant; extremely cruel or brutal
59. de__r aggression *v.* to discourage or prevent someone from doing something
60. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
61. ret_____on against discrimination *n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act
62. at_____us weather *adj.* shockingly bad or unpleasant; extremely cruel or brutal
63. fishing coo_____ve *adj.* involving doing something jointly or working with others to achieve a common goal
64. po_____us chemicals *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
65. spiritual wa_____e *n.* the use of military force to achieve political, economic, or social objectives
66. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

ANSWERS: 58. atrocious, 59. deter, 60. infrastructure, 61. retaliation, 62. atrocious, 63. cooperative, 64. poisonous, 65. warfare, 66. grid

67. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
68. the co_____ct between good and evil *n.* a strong disagreement, argument, or a violent clash between two opposing groups or individuals
69. un_____h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
70. cold-blooded at_____ty *n.* brutal act; an extremely wicked or cruel act
71. tr____c love stories *adj.* causing great sadness or suffering; very unfortunate
72. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
73. a_m at a specific target *v.* to try or plan to get or achieve something
74. commit at_____ty *n.* brutal act; an extremely wicked or cruel act
75. ass_____ion plot *n.* the act of killing a public figure, especially a political leader, usually for political or religious motives
76. electronic de_____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
77. agg_____on by a hostile country *n.* the act of attacking or assaulting; hostile or violent behavior
78. the worst case sc_____io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work

ANSWERS: 67. progression, 68. conflict, 69. unleash, 70. atrocity, 71. tragic, 72. grid, 73. aim, 74. atrocity, 75. assassination, 76. device, 77. aggression, 78. scenario

79. political con_____on *n.* a large formal assembly of people who do a particular job or have a similar interest or of a political party; something regarded as a normative example
80. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
81. en_____on the project's success *v.* to imagine or expect what a situation will be like in the future
82. properly ov_____e the staff *v.* to watch and direct someone or something to make sure that it is being done correctly
83. naked agg_____on *n.* the act of attacking or assaulting; hostile or violent behavior
84. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
85. 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
86. cy__r bullying *adj.* relating to or involving computers, computer networks, or virtual reality
87. ou___w cloning of human cells *v.* to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

ANSWERS: 79. convention, 80. hardware, 81. envision, 82. oversee, 83. aggression, 84. framework, 85. malfunction, 86. cyber, 87. outlaw

88. the lower ch____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
89. atomic b__bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
90. cyb_____ck prevention *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
91. con_____te a majority *v.* to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something
92. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
93. in___t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
94. con_____on center *n.* a large formal assembly of people who do a particular job or have a similar interest or of a political party; something regarded as a normative example
95. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 88. chamber, 89. bomb, 90. cyberattack, 91. constitute, 92. nuclear, 93. intent, 94. convention, 95. tradition

96. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
97. control re_____ly *adv.* at a distance; not directly or easily accessible
98. pa_____er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
99. have an ant_____ed custom *adj.* outdated or old-fashioned
100. mul_____ral trade agreement *adj.* involving or occurring among three or more parties or nations; having multiple sides or aspects; characterized by a cooperative or consensus-building approach to problem-solving or decision-making
101. answer co_____ss questions *adj.* too numerous to be counted or very many
102. the longstanding co_____ct *n.* a strong disagreement, argument, or a violent clash between two opposing groups or individuals
103. ai_____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
104. number of different sc_____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
105. failed ass_____ion attempt *n.* the act of killing a public figure, especially a political leader, usually for political or religious motives

ANSWERS: 96. contribute, 97. remotely, 98. pacemaker, 99. antiquated, 100. multilateral, 101. countless, 102. conflict, 103. aircraft, 104. scenario, 105. assassination

106. strong and co_____ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
107. assume the de_____ve *adj.* used or intended to protect someone or something against attack or aggression
108. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
109. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
110. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
111. 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
112. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
113. 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

ANSWERS: 106. committed, 107. defensive, 108. responsible, 109. patient, 110. refer, 111. malfunction, 112. device, 113. debate

114. bu____n from every corner. *v.* to grow or develop rapidly, especially in a healthy or vigorous way
115. at___c bomb *adj.* of or relating to atom (= the smallest component of an element)
116. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
117. fe___e excuse *adj.* lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact
118. fe___e attempt *adj.* lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact
119. a_m to be a nurse *v.* to try or plan to get or achieve something
120. a mi____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
121. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
122. po____us plants *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
123. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 114. burgeon, 115. atomic, 116. refer, 117. feeble, 118. feeble, 119. aim, 120. military, 121. nuclear, 122. poisonous, 123. nation

124. cyb_____ity threat *n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
125. a precise def_____on *n.* a concise explanation of the meaning of a word, phrase, or symbol
126. the in____t of a question *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
127. a bold hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
128. politically fr_____e nation *adj.* delicate or easily broken or damaged
129. spread of the vi____s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
130. ind_____al freedom *n.* a single person or thing, as distinct from a group
131. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
132. cyb_____are threats *n.* the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

ANSWERS: 124. cybersecurity, 125. definition, 126. intent, 127. hypothesis, 128. fragile, 129. virus, 130. individual, 131. progression, 132. cyberwarfare

133. the ul____te goal in life *adj.* furthest or highest in degree or order
134. per_____te a fraud *v.* to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation
135. pa____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
136. a private ind_____al *n.* a single person or thing, as distinct from a group
137. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
138. ant_____ed system *adj.* outdated or old-fashioned
139. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
140. the def_____on of a word *n.* a concise explanation of the meaning of a word, phrase, or symbol
141. launch a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
142. cyb_____are defense *n.* the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

ANSWERS: 133. ultimate, 134. perpetrate, 135. patient, 136. individual, 137. government, 138. antiquated, 139. framework, 140. definition, 141. counterattack, 142. cyberwarfare

ANSWERS:

Session 3: Fill in the Blanks

1. The doctor carefully examined the _____ medical history.
n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
2. The politician remained _____ despite intense media scrutiny.
adj. without any or little sound
3. We appreciate your _____ efforts.
adj. involving doing something jointly or working with others to achieve a common goal
4. _____ pattern roads often appear in urban areas.
n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
5. 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
6. We cannot _____ her as President.
v. to imagine or expect what a situation will be like in the future
7. The president prepared several possible _____ for an enemy attack.
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

ANSWERS: 1. patient's, 2. silent, 3. cooperative, 4. Grid, 5. debate, 6. envision, 7. scenarios

8. Parallel lines are, by _____ lines on the same plane that never cross.
n. a concise explanation of the meaning of a word, phrase, or symbol
9. Some people with _____ may need to avoid certain activities or sources of electromagnetic interference.
n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
10. The project's success depended on the cooperation of all the _____ parties involved.
adj. involving or occurring among three or more parties or nations; having multiple sides or aspects; characterized by a cooperative or consensus-building approach to problem-solving or decision-making
11. As the use of technology continues to increase in everyday life, _____ awareness and education become even more important
n. the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
12. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state
13. The hackers launched a devastating _____ stealing sensitive information from the company's servers.
n. an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
14. The _____ academy was known for its strict discipline and training.
adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

ANSWERS: 8. definition, 9. pacemakers, 10. multilateral, 11. cybersecurity, 12. government, 13. cyberattack, 14. military

15. The _____ of Japan is known for its unique culture and advanced technology.
- n.* a large organized community of people living in a particular country or region and having a particular culture
16. Boxing fans often criticize his _____ stance.
- adj.* used or intended to protect someone or something against attack or aggression
17. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
18. The company faced heavy _____ from its competitors after releasing a controversial product.
- n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act
19. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
20. Please _____ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
21. Government workers cannot _____ to political campaigns.
- v.* to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 15. nation, 16. defensive, 17. tradition, 18. retaliation, 19. individual, 20. refer, 21. contribute

22. The surgeon made an incision in the _____ of the patient's heart.
n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament
23. A committee was appointed to _____ a huge budget.
v. to watch and direct someone or something to make sure that it is being done correctly
24. Her resistance _____ under his persuasion.
v. to turn from something solid into something soft or liquid as a result of heating
25. _____ espionage between countries can have serious consequences.
adj. relating to or involving computers, computer networks, or virtual reality
26. The general was still reluctant to _____ his troops in pursuit of an enemy.
v. to suddenly release a strong force, emotion, etc. that cannot be controlled
27. 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
28. She could find no _____ explanation for its failure.
adj. seeming reasonable or likely to be true, and therefore convincing
29. The high fence was meant to _____ intruders from entering the property.
v. to discourage or prevent someone from doing something
30. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something

ANSWERS: 22. chambers, 23. oversee, 24. melted, 25. Cyber, 26. unleash, 27. responsible, 28. plausible, 29. deter, 30. origin

31. Some communities began to _____ alcohol consumption.
- v.* to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
32. This evidence supports the big-bang _____.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
33. He and I often had _____ not only in personality but also in ideology.
- n.* a strong disagreement, argument, or a violent clash between two opposing groups or individuals
34. The city's art scene has been _____ recently, with new galleries and exhibitions popping up regularly.
- v.* to grow or develop rapidly, especially in a healthy or vigorous way
35. Aging societies tend to require huge costs for _____ maintenance.
- n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
36. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
37. The _____ of the war left many children orphaned.
- n.* brutal act; an extremely wicked or cruel act
38. We ___ for an overseas expansion.
- v.* to try or plan to get or achieve something

ANSWERS: 31. outlaw, 32. hypothesis, 33. conflicts, 34. burgeoning, 35. infrastructure, 36. engineer, 37. atrocity, 38. aim

39. Some species of _____ can be deadly to humans if bitten.
adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
40. The food at the restaurant was _____ and lacked any flavor.
adj. shockingly bad or unpleasant; extremely cruel or brutal
41. He devised a new analytical _____ to capture the phenomenon.
n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
42. The factory was forced to shut down due to its _____ equipment.
adj. outdated or old-fashioned
43. They met at biennial _____.
n. a large formal assembly of people who do a particular job or have a similar interest or of a political party; something regarded as a normative example
44. The military _____ led their troops into battle with precision and strategic planning.
n. a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force
45. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 39. poisonous snakes, 40. atrocious, 41. framework, 42. antiquated, 43. conventions, 44. commander, 45. device

46. The marine _____ manufacturer demonstrated their newest hydroplane.
n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter
47. The designer's _____ was to create a minimalist aesthetic for the interior of the building.
n. a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
48. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
49. Carbon has an _____ mass of 12.
adj. of or relating to atom (= the smallest component of an element)
50. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
51. There are _____ methods for dealing with stress.
adj. too numerous to be counted or very many
52. The criminal decided to _____ another robbery despite his previous arrest.
v. to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation
53. The mouse and keyboard are essential _____ for operating a PC.
n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 46. aircraft, 47. intent, 48. progression, 49. atomic, 50. ultimate, 51. countless, 52. perpetrate, 53. hardware

54. The older man's _____ voice suggested he was not feeling well.

adj. lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact

55. Experts warn that _____ attacks are becoming increasingly sophisticated and difficult to detect.

n. the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

56. The _____ events of the war left many families torn apart.

adj. causing great sadness or suffering; very unfortunate

57. The _____ of the president sent shockwaves through the nation.

n. the act of killing a public figure, especially a political leader, usually for political or religious motives

58. The office's _____ network allows employees to work from anywhere in the building.

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

59. The company can _____ access its employees' computers for troubleshooting purposes.

adv. at a distance; not directly or easily accessible

60. The use of cluster _____ is strictly prohibited by international law.

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

ANSWERS: 54. feeble, 55. cyberwarfare, 56. tragic, 57. assassination, 58. wireless, 59. remotely, 60. bombs

61. The vase was made of _____ ceramic and easily broke when it was dropped.
adj. delicate or easily broken or damaged
62. She hired an _____ to kill her opponent.
n. a person who murders a prominent or well-known person for political reasons or in exchange for money
63. The company launched a _____ against its rivals with a new marketing campaign.
n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
64. An infected person in the hospital will likely pass the _____ to others.
n. a tiny infectious organic material that causes disease in people, animals, and plants
65. 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
66. Our company is strongly _____ to meeting customers' needs.
adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something
67. The dog's _____ made it difficult for its owners to take it for a walk.
n. the act of attacking or assaulting; hostile or violent behavior
68. The country has been engaged in a prolonged conflict, with both sides using modern _____ tactics.
n. the use of military force to achieve political, economic, or social objectives

ANSWERS: 61. fragile, 62. assassin, 63. counterattack, 64. virus, 65. malfunctioned, 66. committed, 67. aggression, 68. warfare

69. Many countries have now agreed to a treaty banning the use of _____ weapons.

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

70. The spy was able to _____ the enemy's headquarters undetected.

v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

71. The new regulations _____ a significant change in the industry standards.

v. to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something

ANSWERS: 69. nuclear, 70. infiltrate, 71. constitute