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Talk

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al_chemistry_of_oil



Advanced Words Only

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Session 1: Word List

distracted

adj. having one's attention diverted or divided; being unable to concentrate because of being preoccupied or worried

synonym: preoccupied, inattentive, absent-minded

(1) get **distracted** by an urgent matter, (2) **distracted** by a conversation

I was so **distracted** by my phone that I nearly walked into a lamppost.

baggy

adj. loose-fitting or puffed out in shape, typically about clothing

synonym: loose, roomy, oversized

(1) **baggy** sweater, (2) **baggy** sweatpants I prefer **baggy** clothes to tight-fitting ones.

napalm

n. a highly flammable substance consisting of a petroleum jelly thickened with a chemical compound, used in warfare to create a highly incendiary weapon capable of causing extensive fire damage

synonym: firebomb, gelignite, jellied gasoline

(1) napalm explosion, (2) napalm attack

The war zone was devastated by the use of **napalm** bombs.

whoosh

n. a rushing or swishing sound, such as that made by something moving quickly through the air or by a sudden gust of wind; (verb) to move swiftly with a rushing or whooshing sound

synonym: swoosh, swish, whizz

(1) whoosh of a falling object, (2) hear a whoosh The whoosh of the wind through the trees was the only sound in the forest.

geopolitical

- adj. of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
- (1) the **geopolitical** situations, (2) reduce **geopolitical** risk The country holds dominant **geopolitical** power over its neighbors.

retina

- the innermost light-sensitive membrane covering the back wall of the eyeball
- (1) **retinal** cells, (2) **retina** scanner

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

stew

 a dish consisting of meat and vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion

synonym: casserole, hotpot

(1) **stew** meat, (2) vegetable **stew**

I made a delicious beef **stew** for dinner tonight.

hydrocarbon

- an organic compound consisting entirely of hydrogen and carbon
- (1) **hydrocarbon** production, (2) **hydrocarbon** molecules in crude oil

Burning **hydrocarbons** releases water vapor and carbon dioxide.

methane

- a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel
- (1) atmospheric **methane**, (2) reduce **methane** emissions The ignition of **methane** gas in the plant killed five employees.

benzene

n. a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals

synonym: benzol, phenyl hydride

(1) benzene ring, (2) benzene molecule

Exposure to high levels of **benzene** can lead to several health issues.

carcinogenic

adj. capable of causing cancer or promoting tumor growth; cancer-causing

synonym: cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution Long-term exposure to **carcinogenic** materials can result in serious health problems.

galumph

 to move or run in a clumsy, heavy, or noisy manner, often with exaggerated movements; to proceed or act in a carefree or ungainly way

synonym: stomp, clump, lumber

(1) **galumph** across the stage, (2) **galumph** through the woods

I watched the elephant **galumph** across the savannah with grace and power.

vanadium

n. a chemical element with the symbol V and atomic number 23, which is a transition metal that is commonly used in the production of steel and other alloys due to its strength, heat resistance, and ability to improve their properties

synonym: V

(1) vanadium steel, (2) vanadium battery

The **vanadium** coating on the steel made it more resistant to corrosion.

asphalt

 a black, sticky substance that is used to surface roads, roofs, and other structures made from a mixture of sand, gravel, and a petroleum-based material called bitumen

synonym: tar, road surface, blacktop

(1) asphalt pavement, (2) asphalt driveway

The road crew was laying fresh **asphalt** on the highway.

disastrous

adj. extremely bad, harmful, or unsuccessful synonym: catastrophic, destructive, fatal

(1) have **disastrous** consequences, (2) absolutely **disastrous** effect

The emission of hazardous substances has **disastrous** effects on the ecology of a region.

corral

 a pen or enclosure for livestock, especially cattle or horses; an area surrounded by a fence

synonym: pen, enclosure, yard

(1) corral fence, (2) enclose in a corral

The farmer used a high **corral** to keep the cattle from wandering off.

evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

synonym: vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight The sun will **evaporate** the mist.

froth

 a mass of small bubbles on the surface of a liquid caused by agitation or fermentation; a light, airy, or frothy substance; foam or lather

synonym: foam, lather

(1) beer **froth**, (2) **froth** in the ocean

The cappuccino was topped with **froth**, making it look like a work of art.

emulsify

v. to mix two or more liquids that normally don't dissolve in each other, such as oil and water, by adding an agent that helps to suspend the tiny droplets of one liquid within the other

synonym: blend, fuse, mix

(1) **emulsify** fats and proteins, (2) **emulsify** egg yolks You must first **emulsify** the oil and vinegar to make the salad dressing.

mayonnaise

- n. a thick, creamy condiment or sauce made by emulsifying (= the process of mixing two or more immiscible substances to form a stable mixture) egg yolks, oil, vinegar or lemon juice, and seasonings; typically used as a spread, dip, or dressing for salads or sandwiches
- (1) **mayonnaise** dressing, (2) homemade **mayonnaise** My favorite sandwich is a BLT with extra **mayonnaise**.

viscous

adj. having a thick, sticky consistency between solid and liquid; exhibiting resistance to flow

synonym: thick, syrupy, gooey

(1) **viscous** flow, (2) highly **viscous** substance The **viscous** liquid poured slowly from the jar.

prestige

 respect and admiration felt or shown for someone or something based on a perception of their achievements or quality

synonym: honor, distinction, reputation

national prestige, (2) prestige company
 The university has great prestige in the academic community.

viscosity

 the state or quality of being thick, sticky, and semi-fluid in consistency; resistance to flow

synonym:

thickness, consistency, texture

(1) high viscosity, (2) dynamic viscosity

The **viscosity** of the oil made it difficult to pour.

chew

v. to crush or grind something, especially food, with the teeth and then swallow it

synonym: masticate, crush, grind

(1) chew each word, (2) chew a stick of gum

My dog loves to **chew** on bones.

supple

adj. flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

synonym: flexible, pliable, bendable

(1) supple muscles, (2) supple leather

The ballerina's **supple** movements left the audience mesmerized.

eureka

n. exclamation of triumph on discovering something; realization or sudden insight

synonym: discovery, breakthrough, aha moment

- (1) have a eureka moment, (2) shout "eureka!"
- " Eureka!" he exclaimed, finally solving the problem.

helpless

adj. unable to take care of oneself or to do things without help

synonym: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

diffuse

adj. spread out widely; not concentrated in one place *synonym*: spread, scatter

(1) diffuse bleeding, (2) diffuse cloud

Direct lighting is preferable to **diffuse** lighting when reading.

vicissitude

n. a change or variation in circumstances or fortune, often characterized by ups and downs, fluctuations, or

unexpected shifts; a succession of changing or alternating events or conditions

synonym: change, fluctuation, variation

(1) navigate the **vicissitudes**, (2) overcome **vicissitudes**After many **vicissitudes**, she finally achieved her dream of becoming a successful author.

perverse

adj. showing a deliberate and stubborn desire to go against what is expected or desired; contrary; willfully disobedient or immoral

synonym: stubborn, contrary, wicked

(1) **perverse** idea, (2) **perverse** attitude His **perverse** sense of humor made many people uncomfortable.

shrine

 a place considered holy because of its association with a deity or a sacred person or relic or because it is a place of pilgrimage or worship

synonym: altar, temple, monument

(1) shrine temple, (2) religious shrine

The holy **shrine** to the local saint was a popular place for pilgrims to visit.

dissonance

- n. a lack of harmony or agreement between people or things; a harsh or discordant combination of soundssynonym: conflict, disharmony, disagreement
- (1) cognitive **dissonance**, (2) musical **dissonance**The **dissonance** between the two melodies created a sense of tension in the music.

slogan

 a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea

synonym: catchphrase, tagline, motto

(1) catchy **slogan**, (2) advertising **slogan**

The company spent months researching and testing different

brand **slogans** before finally settling on 'Just Do It' as their new tagline.

biofuel

 a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

synonym: renewable energy, green fuel, alternative fuel

(1) **biofuel** production, (2) **biofuel** technology The airplane was powered by a **biofuel** made from plant-based materials.

industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

octopus

 a sea creature with a soft round body and eight long tentacles (= long parts like arms)

synonym: devilfish

(1) giant octopus,(2) venomous octopusHe experienced nausea after eating live octopus.

gush

- v. to flow or pour out rapidly and in large quantities synonym: jet, burst, flush
- (1) **gush** about my love for sports, (2) **gush** out and won't stop

A supertanker continues to **gush** oil off the coast of Spain.

filthy

adj. dirty or unclean, often to an extreme or offensive degree; morally offensive or obscene

synonym: dirty, grimy, soiled

(1) filthy streets, (2) filthy language

The hotel room was **filthy** with dirty sheets and stained carpets.

hillbilly

 someone who is from a rural or mountainous region, especially in the southern United States; a person who is considered unsophisticated or lacking in refinement

synonym: mountain person, rustic, hill person

(1) hillbilly music, (2) hillbilly community

The **hillbilly** family lived off the land in their rustic cabin.

chaotic

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

synonym: disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory Change is also occurring in Turkey as a result of **chaotic** reform.

ration

n. a fixed portion or allowance of something, often referring to food, supplies, or resources, that is distributed or allocated to individuals or groups, especially during times of scarcity or in organized systems

synonym: quota, allowance, allocation

(1) food ration, (2) fuel ration

During the war, families were given a monthly **ration** of essential goods to ensure everyone had access to basic necessities.

terrifying

adj. very frightening or intimidatingsynonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate terrifying tsunamis.

antitrust

 adj. laws or regulations that prevent businesses from engaging in practices that restrict competition, such as price fixing or monopolies

synonym: anti-competitive, anti-monopoly, anti-cartel

(1) antitrust legislation, (2) antitrust policy

The company was found guilty of **antitrust** violations and fined.

thorn

a sharp, pointed projection or spine on a plant or animal;
 something that causes discomfort or irritation, especially
 in a difficult or unpleasant situation

synonym: spike, prickle, spine

(1) thorn bush, (2) thorn injury

The **thorn** in her finger caused her much pain until she could remove it.

crease

 a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding

synonym: fold, wrinkle, ridge

(1) crease in fabric, (2) deep crease

The shirt had a noticeable **crease** along the sleeve from being folded.

pervasive

adj. spreading or existing throughout every part of a thing or place

synonym: extensive, ubiquitous, prevalent

(1) **pervasive** language, (2) the **pervasive** odor of garlic Suspicion and worry were **pervasive** in our minds.

sham

 something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

synonym: bogus, counterfeit, fraudulent

(1) a **sham** battle, (2) turn out to be all **sham** The data he prepared was completely **sham**.

obscene

adj. offensive, rude, or disgusting, usually because of being related to sex

synonym: improper, nasty, lewd

(1) **obscene** literature, (2) an **obscene** story He made an **obscene** gesture.

personalize

v. to make something or an experience specific to an individual or group, often through adding personal

details or tailoring it to their preferences or needs; to add personal details or information to something

synonym: customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

greedy

adj. having or showing an intense or insatiable desire for wealth, status, power, or food

synonym: avaricious, covetous, grasping

(1) **greedy** person, (2) **greedy** for money

His **greedy** behavior led him to steal from the company.

bastardize

v. to alter, modify, or degrade something in a way that undermines or violates its original integrity or quality; to create a less authentic or less desirable version of something

synonym: corrupt, debase, pervert

bastardize a recipe, (2) bastardize culture
 We do not want to bastardize the text's original meaning

through poor translations.

distract

v. to draw someone's attention away from what they are trying to do

synonym: divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

catharsis

 a release or purging of emotional or psychological tension, often through artistic or creative experiences or expressions

synonym: cleansing, purification, purging

(1) catharsis of grief, (2) spiritual catharsis

Many people find that physical exercise provides a sense of **catharsis**, helping to relieve stress and anxiety.

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galvanize

v. to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust

synonym: energize, invigorate, motivate

(1) galvanize steel, (2) galvanize the country

The motivational speech **galvanized** the team and gave them the drive to succeed.

moratorium

 a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision

synonym: suspension, pause, halt

(1) a temporary **moratorium** on evictions, (2) impose **moratorium**

The council has decided to impose a **moratorium** on building new houses in the area.

gulf

 a large ocean inlet or deep bay that is partially enclosed by land

synonym: chasm, divide, abyss

(1) gulf war, (2) gulf stream

The **Gulf** of Mexico is a body of water in the southern United States.

bandit

 a person who robs or steals, often while using violence or threats; a criminal who operates outside the law and steals from others

synonym: robber, thief, outlaw

(1) wilderness **bandit**, (2) notorious **bandit**

A group of armed **bandits** attacked the villagers during the night.

steppe

n. a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

synonym: prairie, savannah, grassland

(1) steppe climate, (2) barren steppe

The nomadic tribes set up camp on the vast **steppe**.

escalate

v. to increase in intensity, size, or severity; to make something greater, worse, or more serious

synonym: increase, intensify, expand

(1) **escalate** into a major international incident, (2) to **escalate**

The situation quickly **escalated** and turned violent.

industrialize

- v. to organize the production of something into an industry synonym: motorize
- (1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym: cold, frozen, polar

(1) arctic ice, (2) high arctic

Cold temperatures and long, dark winters characterize the **arctic** climate.

subsidize

v. to pay part of the cost of something to support an organization, activity, etc. financially

synonym: finance, endow, sponsor

(1) **subsidize** the project, (2) **subsidize** the cost Governments **subsidize** renewable energy generation in various ways.

commute

v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

synonym: travel, journey, trip

(1) **commute** to work, (2) daily **commute**

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He had to **commute** two hours each way to get to work.

percentile

 a measure of position in a frequency distribution expressed as a percentage of the total

synonym: centile, proportion

(1) **percentile** rank, (2) **percentile** distribution

The student scored in the 90th **percentile** on the exam, which means they scored higher than 90% of the other students.

schematic

adj. relating to or in the form of a scheme or diagram;showing the structure or organization of somethingsynonym: diagrammatic, blueprint, structural

(1) **schematic** model, (2) simplified **schematic**The engineer used a **schematic** diagram to plan out the wiring for the new building.

outweigh

v. to be heavier, more significant, or more critical than something

synonym: dominate, outrank, overpower

(1) **outweigh** the benefit, (2) **outweigh** our wishes The advantages would undoubtedly **outweigh** the disadvantages.

sprawl

- v. to sit, lie, or fall with one's arms and legs spread out synonym: drape, spread out
- (1) **sprawl** out luxuriously on the sofa, (2) **sprawl** for acres The lush vegetation **sprawls** across the wonderfully landscaped gardens.

grit

 very small pieces of stone or sand; mental toughness and determination or perseverance in the face of challenges or obstacles

synonym: determination, fortitude, courage

grit determination, (2) grit washer
 She has a lot of grit and determination to succeed.

Session 2: Spelling

notorious ba___t

9.

1.	catchy sln	n.	a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea
2.	absolutely disus effect	adj.	extremely bad, harmful, or unsuccessfu
3.	indize service	ν.	to organize the production of something into an industry
4.	real cells	n.	the innermost light-sensitive membrane covering the back wall of the eyeball
5.	basze culture	v.	to alter, modify, or degrade something in a way that undermines or violates its original integrity or quality; to create a less authentic or less desirable version of something
6.	gf war	n.	a large ocean inlet or deep bay that is partially enclosed by land
7.	national prge	n.	respect and admiration felt or shown for someone or something based on a perception of their achievements or quality
8.	fiy streets	adj.	dirty or unclean, often to an extreme or offensive degree; morally offensive or

ANSWERS: 1. slogan, 2. disastrous, 3. industrialize, 4. retina, 5. bastardize, 6. gulf, 7. prestige, 8. filthy, 9. bandit

obscene

from others

a person who robs or steals, often while

using violence or threats; a criminal who

operates outside the law and steals

10. coe to work	v.	to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
11. g_h out and won't stop	ν.	to flow or pour out rapidly and in large quantities
12. musical disce	n.	a lack of harmony or agreement between people or things; a harsh or discordant combination of sounds
13. terng experience	adj.	very frightening or intimidating
14. vaum steel	n.	a chemical element with the symbol V and atomic number 23, which is a transition metal that is commonly used in the production of steel and other alloys due to its strength, heat resistance, and ability to improve their properties
15. ough the benefit	ν.	to be heavier, more significant, or more critical than something
16. hess baby	adj.	unable to take care of oneself or to do things without help
17. biI technology	n.	a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
18. dict public opinion	ν.	to draw someone's attention away from what they are trying to do
19. indized textile production	v.	to organize the production of something into an industry

ANSWERS: 10. commute, 11. gush, 12. dissonance, 13. terrifying, 14. vanadium, 15. outweigh, 16. helpless, 17. biofuel, 18. distract, 19. industrialize

20. impose morum	n.	a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision
21. basze a recipe	v.	to alter, modify, or degrade something in a way that undermines or violates its original integrity or quality; to create a less authentic or less desirable version of something
22. cre in fabric	n.	a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding
23. the peve odor of gar	lic adj.	spreading or existing throughout every part of a thing or place
24. evte almost overnigh	t v.	to turn a liquid into a gas; to become less intense and disappear gradually
25. fuel ran	n.	a fixed portion or allowance of something, often referring to food, supplies, or resources, that is distributed or allocated to individuals or groups, especially during times of scarcity or in organized systems
26. shout "eua!"	n.	exclamation of triumph on discovering something; realization or sudden insight
27. cw each word	v.	to crush or grind something, especially food, with the teeth and then swallow it
28. vaum battery	n.	a chemical element with the symbol V and atomic number 23, which is a transition metal that is commonly used in the production of steel and other alloys due to its strength, heat resistance, and ability to improve their properties

ANSWERS: 20. moratorium, 21. bastardize, 22. crease, 23. pervasive, 24. evaporate, 25. ration, 26. eureka, 27. chew, 28. vanadium

29.	hydon production	<i>n</i> .	an organic compound consisting entirely of hydrogen and carbon
30.	sue leather	adj.	flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
31.	get dised by an urgent matter	adj.	having one's attention diverted or divided; being unable to concentrate because of being preoccupied or worried
32.	evte the water	<i>v</i> .	to turn a liquid into a gas; to become less intense and disappear gradually
33.	highly vis substance	adj.	having a thick, sticky consistency between solid and liquid; exhibiting resistance to flow
34.	thn bush	n.	a sharp, pointed projection or spine on a plant or animal; something that causes discomfort or irritation, especially in a difficult or unpleasant situation
35.	die bleeding	adj.	spread out widely; not concentrated in one place
36.	hily music	n.	someone who is from a rural or mountainous region, especially in the southern United States; a person who is considered unsophisticated or lacking in refinement
37.	whh of a falling object	n.	a rushing or swishing sound, such as that made by something moving quickly through the air or by a sudden gust of wind; (verb) to move swiftly with a rushing or whooshing sound

ANSWERS: 29. hydrocarbon, 30. supple, 31. distracted, 32. evaporate, 33. viscous, 34. thorn, 35. diffuse, 36. hillbilly, 37. whoosh

38.	carnic chemicals	adj.	capable of causing cancer or promoting tumor growth; cancer-causing
39.	dict attention from the real issue	<i>v</i> .	to draw someone's attention away from what they are trying to do
40.	pese attitude	adj.	showing a deliberate and stubborn desire to go against what is expected or desired; contrary; willfully disobedient or immoral
41.	suze the project	<i>v</i> .	to pay part of the cost of something to support an organization, activity, etc. financially
42.	high arc	adj.	of or relating to the region around the North Pole or the Arctic Ocean; very cold
43.	spl out luxuriously on the sofa	<i>v</i> .	to sit, lie, or fall with one's arms and legs spread out
44.	gaze the country	<i>v</i> .	to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust
45.	hear a whh	n.	a rushing or swishing sound, such as that made by something moving quickly through the air or by a sudden gust of wind; (verb) to move swiftly with a rushing or whooshing sound
46.	prge company	n.	respect and admiration felt or shown for someone or something based on a perception of their achievements or quality
47.	die cloud	adj.	spread out widely; not concentrated in one place

ANSWERS: 38. carcinogenic, 39. distract, 40. perverse, 41. subsidize, 42. arctic, 43. sprawl, 44. galvanize, 45. whoosh, 46. prestige, 47. diffuse

48.	religious she	n.	a place considered holy because of its association with a deity or a sacred person or relic or because it is a place of pilgrimage or worship
49.	perle rank	n.	a measure of position in a frequency distribution expressed as a percentage of the total
50.	the chc economic situation	adj.	without any order or organization; extremely disorganized, unpredictable, and confusing
51.	ast driveway	n.	a black, sticky substance that is used to surface roads, roofs, and other structures made from a mixture of sand, gravel, and a petroleum-based material called bitumen
52.	the geocal situations	adj.	of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
53.	anst policy	adj.	laws or regulations that prevent businesses from engaging in practices that restrict competition, such as price fixing or monopolies
54.	ast pavement	n.	a black, sticky substance that is used to surface roads, roofs, and other structures made from a mixture of sand, gravel, and a petroleum-based material called bitumen
55.	deep cre	n.	a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding

ANSWERS: 48. shrine, 49. percentile, 50. chaotic, 51. asphalt, 52. geopolitical, 53. antitrust, 54. asphalt, 55. crease

56.	chc theory	adj.	without any order or organization; extremely disorganized, unpredictable, and confusing
57.	suze the cost	v.	to pay part of the cost of something to support an organization, activity, etc. financially
58.	overcome vicdes	n.	a change or variation in circumstances or fortune, often characterized by ups and downs, fluctuations, or unexpected shifts; a succession of changing or alternating events or conditions
59.	cognitive disce	n.	a lack of harmony or agreement between people or things; a harsh or discordant combination of sounds
60.	have disus consequences	adj.	extremely bad, harmful, or unsuccessful
61.	to este	ν.	to increase in intensity, size, or severity; to make something greater, worse, or more serious
62.	g_h about my love for sports	v.	to flow or pour out rapidly and in large quantities
63.	atmospheric mee	n.	a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel
64.	hydon molecules in crude oil	n.	an organic compound consisting entirely of hydrogen and carbon
65.	advertising sln	n.	a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea

ANSWERS: 56. chaotic, 57. subsidize, 58. vicissitude, 59. dissonance, 60. disastrous, 61. escalate, 62. gush, 63. methane, 64. hydrocarbon, 65. slogan

66. spiritual ca	_is n	ı.	a release or purging of emotional or psychological tension, often through artistic or creative experiences or expressions
67. beer fr_h	n		a mass of small bubbles on the surface of a liquid caused by agitation or fermentation; a light, airy, or frothy substance; foam or lather
68. cw a stick of	gum v		to crush or grind something, especially food, with the teeth and then swallow it
69. gry person	a	adj.	having or showing an intense or insatiable desire for wealth, status, power, or food
70. bay sweatpan	ts a		loose-fitting or puffed out in shape, typically about clothing
71. pese idea	a	adj.	showing a deliberate and stubborn desire to go against what is expected or desired; contrary; willfully disobedient or immoral
72. gaze stee	e v		to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust
73. a sm battle	n		something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
74. gf stream	n	ı.	a large ocean inlet or deep bay that is partially enclosed by land
75. biI production	on <i>n</i>		a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

ANSWERS: 66. catharsis, 67. froth, 68. chew, 69. greedy, 70. baggy, 71. perverse, 72. galvanize, 73. sham, 74. gulf, 75. biofuel

76. coI fence	n.	a pen or enclosure for livestock, especially cattle or horses; an area surrounded by a fence
77. emfy fats and proteins	v.	to mix two or more liquids that normally don't dissolve in each other, such as oil and water, by adding an agent that helps to suspend the tiny droplets of one liquid within the other
78. barren ste	n.	a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America
79. nam explosion	n.	a highly flammable substance consisting of a petroleum jelly thickened with a chemical compound, used in warfare to create a highly incendiary weapon capable of causing extensive fire damage
80. fr_h in the ocean	n.	a mass of small bubbles on the surface of a liquid caused by agitation or fermentation; a light, airy, or frothy substance; foam or lather
81. perle distribution	n.	a measure of position in a frequency distribution expressed as a percentage of the total
82. ough our wishes	v.	to be heavier, more significant, or more critical than something
ANSWERS: 76. corral, 77. emulsify, 78. s	steppe	e, 79. napalm, 80. froth, 81. percentile,

ANSWERS: 76. corral, 77. emulsify, 78. steppe, 79. napalm, 80. froth, 81. percentile, 82. outweigh

83.	dynamic vity	n.	the state or quality of being thick, sticky, and semi-fluid in consistency; resistance to flow
84.	rea scanner	n.	the innermost light-sensitive membrane covering the back wall of the eyeball
85.	indus student	adj.	hardworking, diligent, and persistent in effort
86.	perze my workspace	ν.	to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
87.	carnic air pollution	adj.	capable of causing cancer or promoting tumor growth; cancer-causing
88.	reduce geocal risk	adj.	of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
89.	thn injury	n.	a sharp, pointed projection or spine on a plant or animal; something that causes discomfort or irritation, especially in a difficult or unpleasant situation
90.	gry for money	adj.	having or showing an intense or insatiable desire for wealth, status, power, or food
91.	hess victims	adj.	unable to take care of oneself or to do things without help

ANSWERS: 83. viscosity, 84. retina, 85. industrious, 86. personalize, 87. carcinogenic, 88. geopolitical, 89. thorn, 90. greedy, 91. helpless

92.	food ran	n.	a fixed portion or allowance of something, often referring to food, supplies, or resources, that is distributed or allocated to individuals or groups, especially during times of scarcity or in organized systems
93.	homemade mayse	n.	a thick, creamy condiment or sauce made by emulsifying (= the process of mixing two or more immiscible substances to form a stable mixture) egg yolks, oil, vinegar or lemon juice, and seasonings; typically used as a spread, dip, or dressing for salads or sandwiches
94.	wilderness bat	n.	a person who robs or steals, often while using violence or threats; a criminal who operates outside the law and steals from others
95.	bee ring	n.	a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals
96.	enclose in a coI	n.	a pen or enclosure for livestock, especially cattle or horses; an area surrounded by a fence
97.	a temporary morum on evictions	n.	a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision

ANSWERS: 92. ration, 93. mayonnaise, 94. bandit, 95. benzene, 96. corral, 97. moratorium

v.	to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
adj.	laws or regulations that prevent businesses from engaging in practices that restrict competition, such as price fixing or monopolies
<i>v</i> .	to sit, lie, or fall with one's arms and legs spread out
adj.	relating to or in the form of a scheme or diagram; showing the structure or organization of something
adj.	relating to or in the form of a scheme or diagram; showing the structure or organization of something
v.	to mix two or more liquids that normally don't dissolve in each other, such as oil and water, by adding an agent that helps to suspend the tiny droplets of one liquid within the other
adj.	spreading or existing throughout every part of a thing or place
n.	a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals
	adj. v. adj. v.

ANSWERS: 98. commute, 99. antitrust, 100. sprawl, 101. schematic, 102. schematic, 103. emulsify, 104. pervasive, 105. benzene

served hot as a main course or soup; a state of mental or emotional agitation or confusion 109. cais of grief n. a release or purging of emotional or psychological tension, often through artistic or creative experiences or expressions 110. sw meat n. a dish consisting of meat and vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion 111. obe literature adj. offensive, rude, or disgusting, usually because of being related to sex	106.	she temple	n.	a place considered holy because of its association with a deity or a sacred person or relic or because it is a place of pilgrimage or worship
vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion 109. cais of grief n. a release or purging of emotional or psychological tension, often through artistic or creative experiences or expressions 110. sw meat n. a dish consisting of meat and vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion 111. obe literature adj. offensive, rude, or disgusting, usually because of being related to sex 112. este into a major international incident v. to increase in intensity, size, or severity to make something greater, worse, or more serious 113. bay sweater adj. loose-fitting or puffed out in shape, typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts	107.	sue muscles	adj.	gracefully agile; adaptable or
psychological tension, often through artistic or creative experiences or expressions 110. s_w meat n. a dish consisting of meat and vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion 111. obe literature adj. offensive, rude, or disgusting, usually because of being related to sex 112. este into a major international incident v. to increase in intensity, size, or severity to make something greater, worse, or more serious 113. ba_y sweater adj. loose-fitting or puffed out in shape, typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts	108.	vegetable sw	n.	vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or
vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or confusion 111. obe literature adj. offensive, rude, or disgusting, usually because of being related to sex 112. este into a major international incident v. to increase in intensity, size, or severity to make something greater, worse, or more serious 113. bay sweater adj. loose-fitting or puffed out in shape, typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts)	109.	cais of grief	n.	psychological tension, often through artistic or creative experiences or
because of being related to sex 112. este into a major international incident v. to increase in intensity, size, or severity to make something greater, worse, or more serious 113. bay sweater adj. loose-fitting or puffed out in shape, typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts)	110.	sw meat	n.	vegetables simmered in liquid typically served hot as a main course or soup; a state of mental or emotional agitation or
incident to make something greater, worse, or more serious 113. bay sweater adj. loose-fitting or puffed out in shape, typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts)	111.	obe literature	adj.	
typically about clothing 114. giant ocs n. a sea creature with a soft round body and eight long tentacles (= long parts	112.		v.	
and eight long tentacles (= long parts	113.	bay sweater	adj.	
	114.	giant ocs	n.	and eight long tentacles (= long parts

ANSWERS: 106. shrine, 107. supple, 108. stew, 109. catharsis, 110. stew, 111. obscene, 112. escalate, 113. baggy, 114. octopus

115. arc ice	adj.	of or relating to the region around the North Pole or the Arctic Ocean; very cold
116. high vity	n.	the state or quality of being thick, sticky and semi-fluid in consistency; resistance to flow
117. vis flow	adj.	having a thick, sticky consistency between solid and liquid; exhibiting resistance to flow
118. venomous ocs	n.	a sea creature with a soft round body and eight long tentacles (= long parts like arms)
119. dised by a conversation	adj.	having one's attention diverted or divided; being unable to concentrate because of being preoccupied or worried
120. g_t washer	n.	very small pieces of stone or sand; mental toughness and determination or perseverance in the face of challenges or obstacles
121. gt determination	n.	very small pieces of stone or sand; mental toughness and determination or perseverance in the face of challenges or obstacles
122. have a eua moment	n.	exclamation of triumph on discovering something; realization or sudden insight
123. hily community	n.	someone who is from a rural or mountainous region, especially in the southern United States; a person who is considered unsophisticated or lacking in refinement

ANSWERS: 115. arctic, 116. viscosity, 117. viscous, 118. octopus, 119. distracted, 120. grit, 121. grit, 122. eureka, 123. hillbilly

124. an obe story	adj.	offensive, rude, or disgusting, usually because of being related to sex
125. terng events	adj.	very frightening or intimidating
126. fiy language	adj.	dirty or unclean, often to an extreme or offensive degree; morally offensive or obscene
127. mayse dressing	n.	a thick, creamy condiment or sauce made by emulsifying (= the process of mixing two or more immiscible substances to form a stable mixture) egg yolks, oil, vinegar or lemon juice, and seasonings; typically used as a spread, dip, or dressing for salads or sandwiches
128. perze social media profile	<i>v</i> .	to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
129. indus worker	adj.	hardworking, diligent, and persistent in effort
130. ste climate	n.	a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America
131. gah through the woods	<i>v</i> .	to move or run in a clumsy, heavy, or noisy manner, often with exaggerated movements; to proceed or act in a carefree or ungainly way
ANSWERS: 124. obscene, 125. terrifying, personalize, 129. industrious, 130. steppe,		

132. turn out to be all sm	n.	something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
133. nam attack	n.	a highly flammable substance consisting of a petroleum jelly thickened with a chemical compound, used in warfare to create a highly incendiary weapon capable of causing extensive fire damage
134. reduce mee emissions	n.	a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel
135. gah across the stage	ν.	to move or run in a clumsy, heavy, or noisy manner, often with exaggerated movements; to proceed or act in a carefree or ungainly way
136. navigate the vicdes	n.	a change or variation in circumstances or fortune, often characterized by ups and downs, fluctuations, or unexpected shifts; a succession of changing or alternating events or conditions

ANSWERS: 132. sham, 133. napalm, 134. methane, 135. galumph, 136. vicissitude

Session 3: Fill in the Blanks

1.	The between the two melodies created a sense of tension in the music.
n.	a lack of harmony or agreement between people or things; a harsh or discordant combination of sounds
2.	You must first the oil and vinegar to make the salad dressing.
<i>v</i> .	to mix two or more liquids that normally don't dissolve in each other, such as oil and water, by adding an agent that helps to suspend the tiny droplets of one liquid within the other
3.	My favorite sandwich is a BLT with extra
<i>n</i> .	a thick, creamy condiment or sauce made by emulsifying (= the process of mixing two or more immiscible substances to form a stable mixture) egg yolks, oil, vinegar or lemon juice, and seasonings; typically used as a spread, dip, or dressing for salads or sandwiches
4.	The farmer used a high to keep the cattle from wandering off.
n.	a pen or enclosure for livestock, especially cattle or horses; an area surrounded by a fence
5.	Please don't me while I'm studying.
v.	to draw someone's attention away from what they are trying to do
6.	The advantages would undoubtedly the disadvantages.
v.	to be heavier, more significant, or more critical than something
7.	I made a delicious beef for dinner tonight.
n.	a dish consisting of meat and vegetables simmered in liquid typically served hor as a main course or soup; a state of mental or emotional agitation or confusion
	SWERS: 1. dissonance, 2. emulsify, 3. mayonnaise, 4. corral, 5. distract, 6. weigh, 7. stew

3.	During the war, families were given a monthly of essential goods to ensure everyone had access to basic necessities.
n.	a fixed portion or allowance of something, often referring to food, supplies, or resources, that is distributed or allocated to individuals or groups, especially during times of scarcity or in organized systems
9.	A group of armed attacked the villagers during the night.
n.	a person who robs or steals, often while using violence or threats; a criminal who operates outside the law and steals from others
10.	Large earthquakes often generate tsunamis.
adj	i. very frightening or intimidating
11.	The shirt had a noticeable along the sleeve from being folded.
n.	a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding
12.	The lush vegetation across the wonderfully landscaped gardens.
<i>v</i> .	to sit, lie, or fall with one's arms and legs spread out
13.	He was known to be very and would often work late into the night.
adj	i. hardworking, diligent, and persistent in effort
14.	The cappuccino was topped with making it look like a work of art.
n.	a mass of small bubbles on the surface of a liquid caused by agitation or fermentation; a light, airy, or frothy substance; foam or lather
15.	The company spent months researching and testing different brand before finally settling on 'Just Do It' as their new tagline.
n.	a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea
	SWERS: 8. ration, 9. bandits, 10. terrifying, 11. crease, 12. sprawls, 13. ustrious, 14. froth, 15. slogans

- someone who is from a rural or mountainous region, especially in the southern United States; a person who is considered unsophisticated or lacking in refinement
- 22. He experienced nausea after eating live _____.
 - a sea creature with a soft round body and eight long tentacles (= long parts like n. arms)

ANSWERS: 16. retina, 17. bastardize, 18. evaporate, 19. greedy, 20. galvanized, 21. hillbilly, 22. octopus

23.	Burning	releases water vapor and carbon dioxide.
n.	an organic compou	nd consisting entirely of hydrogen and carbon
24.	The of th	e oil made it difficult to pour.
n.	the state or quality or resistance to flow	of being thick, sticky, and semi-fluid in consistency;
25.	The emission of haza of a region.	rdous substances has effects on the ecology
ad	j. extremely bad, harr	nful, or unsuccessful
26.	I was so	by my phone that I nearly walked into a lamppost.
ad	having one's attenti of being preoccupie	on diverted or divided; being unable to concentrate because d or worried
27.	The nations of South the West.	East Asia will quickly and catch up with
<i>v</i> .	to organize the prod	uction of something into an industry
28.	The nomadic tribes s	et up camp on the vast
n.	regions, characteriz	ually treeless plain, typically found in semi-arid or arid ed by fertile soil and grassy vegetation, often used for expansive and open grassland ecosystem found in merica
29.	After manysuccessful author.	she finally achieved her dream of becoming a
n.	•	n in circumstances or fortune, often characterized by ups ons, or unexpected shifts; a succession of changing or r conditions
	ISWERS: 23. hydrocai lustrialize, 28. steppe,	bons, 24. viscosity, 25. disastrous, 26. distracted, 27. 29. vicissitudes,

30. I feel so without you.
adj. unable to take care of oneself or to do things without help
31. A supertanker continues to oil off the coast of Spain.
v. to flow or pour out rapidly and in large quantities
32. The in her finger caused her much pain until she could remove it.
 a sharp, pointed projection or spine on a plant or animal; something that causes discomfort or irritation, especially in a difficult or unpleasant situation
33. The coating on the steel made it more resistant to corrosion.
n. a chemical element with the symbol V and atomic number 23, which is a transition metal that is commonly used in the production of steel and other alloys due to its strength, heat resistance, and ability to improve their properties
34. The of Mexico is a body of water in the southern United States.
n. a large ocean inlet or deep bay that is partially enclosed by land
35. The hotel room was with dirty sheets and stained carpets.
adj. dirty or unclean, often to an extreme or offensive degree; morally offensive or obscene
36. The engineer used a diagram to plan out the wiring for the new building.
adj. relating to or in the form of a scheme or diagram; showing the structure or organization of something
37. His sense of humor made many people uncomfortable.
adj. showing a deliberate and stubborn desire to go against what is expected or desired; contrary; willfully disobedient or immoral
ANSWERS: 30. helpless, 31. gush, 32. thorn, 33. vanadium, 34. Gulf, 35. filthy, 36. schematic, 37. perverse

38. She has a lot of and determination to succeed.
n. very small pieces of stone or sand; mental toughness and determination or perseverance in the face of challenges or obstacles
39. Cold temperatures and long, dark winters characterize the climate.
adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold
40. The country holds dominant power over its neighbors.
adj. of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
41. Change is also occurring in Turkey as a result of reform.
adj. without any order or organization; extremely disorganized, unpredictable, and confusing
42. The war zone was devastated by the use of bombs.
n. a highly flammable substance consisting of a petroleum jelly thickened with a chemical compound, used in warfare to create a highly incendiary weapon capable of causing extensive fire damage
43. The situation quickly and turned violent.
v. to increase in intensity, size, or severity; to make something greater, worse, or more serious
44. I watched the elephant across the savannah with grace and power.
v. to move or run in a clumsy, heavy, or noisy manner, often with exaggerated movements; to proceed or act in a carefree or ungainly way
45. Many people find that physical exercise provides a sense of helping to relieve stress and anxiety.
 a release or purging of emotional or psychological tension, often through artistic or creative experiences or expressions
ANSWERS: 38. grit, 39. arctic, 40. geopolitical, 41. chaotic, 42. napalm, 43. escalated, 44. galumph, 45. catharsis,

46. The airplane was powered by a made from plant-bas	sed materials.
 a fuel produced from organic matter, such as crops or waste be used to replace or supplement traditional fossil fuels 	material, that can
47. The company was found guilty of violations and fir	ned.
adj. laws or regulations that prevent businesses from engaging in restrict competition, such as price fixing or monopolies	n practices that
48. The council has decided to impose a on building area.	new houses in the
 a temporary suspension or delay of an activity or process, of an official agreement or decision 	iten as a result of
49. The holy to the local saint was a popular place for pilg	rims to visit.
 a place considered holy because of its association with a dependent or relic or because it is a place of pilgrimage or worst 	•
50. Suspicion and worry were in our minds.	
adj. spreading or existing throughout every part of a thing or place	e
51. He made an gesture.	
adj. offensive, rude, or disgusting, usually because of being relat	ed to sex
52. The road crew was laying fresh on the highway.	
n. a black, sticky substance that is used to surface roads, roofs structures made from a mixture of sand, gravel, and a petrol material called bitumen	
53. The liquid poured slowly from the jar.	
adj. having a thick, sticky consistency between solid and liquid; e resistance to flow	exhibiting
ANSWERS: 46. biofuel, 47. antitrust, 48. moratorium, 49. shrine, 5 obscene, 52. asphalt, 53. viscous	50. pervasive, 51.

ANSWERS: 54. chew, 55. commute, 56. benzene, 57. percentile, 58. diffuse, 59. subsidize, 60. Eureka!", 61. baggy

n. something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not	
63. The university has great in the academic community.	
n. respect and admiration felt or shown for someone or something based on a perception of their achievements or quality	a
64. The ignition of gas in the plant killed five employees.	
n. a chemical compound with the chemical formula CH4 with no smell or colo often used as a fuel	r,
65. The of the wind through the trees was the only sound in the forest.	
n. a rushing or swishing sound, such as that made by something moving quic through the air or by a sudden gust of wind; (verb) to move swiftly with a rushing or whooshing sound	kly
66. Long-term exposure to materials can result in serious health problems.	
adj. capable of causing cancer or promoting tumor growth; cancer-causing	
67. I like to my phone case with a picture of my dog.	
v. to make something or an experience specific to an individual or group, ofte through adding personal details or tailoring it to their preferences or needs; add personal details or information to something	
68. The ballerina's movements left the audience mesmerized.	
adj. flexible and easy to bend or move; gracefully agile; adaptable or responsive change or new ideas	e to
ANSWERS: 62. sham, 63. prestige, 64. methane, 65. whoosh, 66. carcinogenic, personalize, 68. supple	67.

Vocab-Builder Ref from	"Lisa Margonelli:	The political ch	nemistry of oil	TED Talk" (68 words)	
ANSWERS:					