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Vocabulary Builder Reference from...

Christian Rudder: Inside OKCupid: The math of online dating | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

Christ

n. the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

synonym: Savior, Jesus Christ, Jesus

(1) teaching of **Christ**, (2) before **Christ**

Christmas is the day to celebrate the birth of Christ.

rudder

n. a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)

synonym: helm, tiller, steering gear

(1) **rudder** control, (2) **rudder** movement

The small boat's **rudder** was damaged in the storm, making it difficult to steer.

founder

n. a person who establishes an organization, institution, or business; the structural component of a ship or boat that provides stability and resistance against capsizing

synonym: establisher, originator, architect

(1) **founder** of a company, (2) non-profit **founder**

The company's **founder** envisioned creating innovative technology that would change the world.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

analytical

adj. relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

synonym: investigative, logical, cogent

(1) **analytical** approach, (2) **analytical** ability

He is **analytical** and can break down complex problems into manageable parts.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

decide

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

synonym: choose, determine, settle

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

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

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not

exist; imagination or fantasy

synonym : imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

systematic

adj. done or acting according to a determined set of systems or plans:

synonym : periodic, frequent, organized

(1) a **systematic** reformation, (2) **systematic** botany

Science is based on the **systematic** classification of experience.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

phrase

n. a group of words that mean something specific when used together

synonym : expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

probable

adj. likely to happen or likely to be true

synonym : likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

excel

v. to be extremely good at or proficient in doing something

synonym : outdo, shine, surpass

(1) **excel** in description, (2) **excel** at communication

The company **excels** in customer service.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

paperweight

n. a small, heavy object, often made of glass or metal, that is designed to hold down papers or other items on a desk or table; an object, usually an electronic device or piece of machinery, that is non-functional or useless for its intended purpose

synonym: desk weight, document holder

(1) metallic **paperweight**, (2) **paperweight** gift

The stained-glass **paperweight** added a pop of color to the desk.

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.

surprisingly

adv. in a way that causes amazement or wonder

synonym: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym : boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

tricky

adj. requiring care and skill because challenging to do or deal with

synonym : thorny, problematic, crafty

(1) **tricky** problem, (2) a **tricky** recipe to follow

We have discussed the entirety of this **tricky** problem.

mysterious

adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

synonym : enigmatic, cryptic, puzzling

(1) **mysterious** object, (2) **mysterious** stranger

The **mysterious** disappearance of the ship remains unsolved.

attraction

n. a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

synonym : allure, appeal, interest

(1) the big **attraction** of the event, (2) popular tourist

attraction

She felt an instant **attraction** toward him.

component

n. one of several parts that combines with others to form something bigger

synonym : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

quest

n. a long or challenging search for something

synonym : exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness
That adventurer traveled in **quest** of buried treasure.

scare

v. to frighten a person or animal, or to become frightened
synonym: frighten, spook, intimidate

(1) **scare** off her attacker by screaming, (2) **scare** the birds away

We hit the ground to **scare** out the rabbits.

relation

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

synonym: association, linkage, connection

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

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

massive

adj. enormous amount; very heavy and solid

synonym: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

specify

v. to explain or state something clearly and exactly

synonym: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

burning

adj. intense or scorching heat

synonym: scorching, blazing, smoldering

(1) **burning** desire, (2) **burning** passion

The fire spread rapidly, engulfing everything in its path in a **burning** inferno.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

weigh

v. to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

irrelevant

adj. not connected with or related to something and therefore not important

synonym: unrelated, immaterial, extrinsic

(1) an **irrelevant** thought, (2) do something **irrelevant**

They removed **irrelevant** content from the slides.

mandatory

adj. required by a rule or law, compulsory

synonym: compulsory, obligatory, required

(1) a **mandatory** clause, (2) **mandatory** training

Attendance at the meeting is **mandatory** for all employees.

crunch

n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation

synonym: crushing, snapping, crisis

(1) financial **crunch**, (2) a gas **crunch**

The **crunch** of the leaves underfoot was heard as they walked through the park.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

percentage

n. the number, amount, or rate of something, which is usually the amount per hundred

synonym : rate, ratio, portion

(1) the **percentage** of the gold content, (2) a high **percentage**

What is the **percentage** of the consumption tax in the United States?

compute

v. to make a mathematical calculation

synonym : calculate

(1) **compute** an average score, (2) **compute** the value

I tried to **compute** the efficiency of the investment.

messy

adj. disorganized and untidy

synonym : cluttered, disorganized, untidy

(1) **messy** data, (2) **messy** handling

His **messy** bedroom is always a source of frustration for his mother.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

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

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

increase.

organ

n. a part of the body of an animal or plant that has a particular purpose and performs a specific job

synonym: function, structure

(1) **organ** bleeding, (2) damage to internal **organs**

These infections have the potential to impact practically every **organ** system.

neat

adj. clean or tidy, with everything in its place

synonym: tidy, uncluttered, refined

(1) a **neat** piece of work, (2) **neat** idea

She has **neat** habits.

freak

n. an abnormality that is not typical or expected

synonym: anomaly, deviation, oddity

(1) a rock **freak**, (2) **freak** weather

The **freak** accident caused the car to flip over and land on its roof.

spotlight

n. a beam of light used to illuminate a particular area or person

synonym: limelight, stage light, highlight

(1) **spotlight** effect, (2) **spotlight** moment

The singer was in the **spotlight** as she performed her hit song.

assign

v. to give a specific job or piece of work to a someone

synonym: entrust, delegate, designate

(1) **assign** projects, (2) **assign** top priority

Please **assign** a different color to each other kind of item.

numerical

adj. relating to, expressed, or denoted by a number

synonym: quantitative, numeral, mathematical

(1) 3D **numerical** simulation, (2) the **numerical** keypad

The **numerical** value of Pi is approximately 3.14.

absolutely

adv. without restriction or limitation; completely or utterly
synonym : completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

calculation

n. the act or process of using numbers to judge an amount of something

synonym : analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

satisfy

v. to make somebody pleased by giving them what they want or need

synonym : please, amuse, meet

(1) **satisfy** a desire, (2) **satisfy** a user's needs

Did this response **satisfy** your request?

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym : hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

satisfactory

adj. meeting the requirements or expectations; acceptable

synonym : acceptable, sufficient, good enough

(1) **satisfactory** performance, (2) **satisfactory** outcome

The results of the test were **satisfactory** and met our expectations.

expression

n. the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood

synonym : statement, utterance, remark

(1) artistic **expression**, (2) **expression** of interest

His facial **expression** showed a mix of surprise and confusion.

opposed

adj. being completely different from something or disagreeing strongly with something

synonym: anti, averse, hostile

(1) two **opposed** characters, (2) absolutely **opposed** to abortion

I'm strongly **opposed** to that plan.

formula

n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

synonym: expression, recipe, procedure

(1) structural **formula**, (2) a binomial **formula**

The teacher told the students to memorize the math **formula**.

geometric

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

synonym: mathematical, symmetrical, regular

(1) a **geometric** proof, (2) **geometric** pattern

The **geometric** shapes and patterns in the artwork are visually stunning.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

represent

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

synonym: depict, express, describe

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

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

conference.

romantic

adj. of or relating to love or a sexual relationship

synonym : idealistic, unrealistic, amatory

(1) **romantic** movies, (2) **romantic** breakup

It was his first **romantic** love.

religion

n. a deep conviction in a supernatural power that controls human destiny

synonym : faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**

Their **religion** strictly prohibits them from drinking or gambling.

intuitive

adj. obtained through feelings rather than facts or proof

synonym : involuntary, instinctive, innate

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

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

affection

n. a feeling of fondness, love, or attachment towards someone or something; a gentle or tender feeling; often used to describe a warm or caring relationship between individuals

synonym : love, fondness, tenderness

(1) deep **affection**, (2) show **affection**

Her unwavering **affection** for animals led her to become a veterinarian.

mutual

adj. common to or shared by two or more parties

synonym : shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

margin

n. the space around the edge of a page or document;
(finance) the net sales minus the cost of goods and services sold

synonym: edge, border, periphery

(1) **margin** error, (2) a profit **margin**

Unfortunately, the book's **margin** was too small to make notes.

outline

v. to describe the main facts or aspects involved in something

synonym: recap, summarize, digest

(1) **outlined** the plan, (2) **outline** the findings

This page **outlines** our response planning for an emergency.

comp

v. short for "compensate," meaning to give goods or services to someone without asking for payment

synonym: waive, cover, provide

(1) **comp** their meal, (2) **comp** the employees with a bonus

The casino **comped** her room and meals for being a high-rolling gambler.

preference

n. a stronger liking or interest for something or someone than another thing or person

synonym: taste, choice, affection

(1) his meal **preferences**, (2) a particular **preference** for Chinese art

Her **preference** is comfortable clothing over fashionable ones.

phenomenon

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

synonym: marvel, wonder, splendor

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

A rainbow is a natural **phenomenon**.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

Session 2: Spelling

1. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
2. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
3. pr_____le outcome *adj.* likely to happen or likely to be true
4. ma_____ry training *adj.* required by a rule or law, compulsory
5. on a qu__t for happiness *n.* a long or challenging search for something
6. pe_____ve language *adj.* spreading or existing throughout every part of a thing or place
7. ro_____ic movies *adj.* of or relating to love or a sexual relationship
8. ru___r movement *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
9. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
10. sc__e off her attacker by screaming *v.* to frighten a person or animal, or to become frightened

ANSWERS: 1. addition, 2. indicate, 3. probable, 4. mandatory, 5. quest, 6. pervasive, 7. romantic, 8. rudder, 9. surprisingly, 10. scare

11. n__t idea *adj.* clean or tidy, with everything in its place
12. the big att_____on of the event *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
13. mu_____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
14. metallic pap_____ht *n.* a small, heavy object, often made of glass or metal, that is designed to hold down papers or other items on a desk or table; an object, usually an electronic device or piece of machinery, that is non-functional or useless for its intended purpose
15. ru___r control *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
16. c__p the employees with a bonus *v.* short for "compensate," meaning to give goods or services to someone without asking for payment
17. ge_____ic pattern *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
18. mys_____us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

ANSWERS: 11. neat, 12. attraction, 13. multiply, 14. paperweight, 15. rudder, 16. comp, 17. geometric, 18. mysterious

19. share of a mu___l fund *adj.* common to or shared by two or more parties
20. ma___e stars *adj.* enormous amount; very heavy and solid
21. his meal pre_____ces *n.* a stronger liking or interest for something or someone than another thing or person
22. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
23. ex__l in description *v.* to be extremely good at or proficient in doing something
24. co___e the value *v.* to make a mathematical calculation
25. a tr___y recipe to follow *adj.* requiring care and skill because challenging to do or deal with
26. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
27. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
28. ana_____al ability *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
29. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

ANSWERS: 19. mutual, 20. massive, 21. preference, 22. mathematics, 23. excel, 24. compute, 25. tricky, 26. mathematics, 27. weigh, 28. analytical, 29. fancy

30. pap_____ht gift *n.* a small, heavy object, often made of glass or metal, that is designed to hold down papers or other items on a desk or table; an object, usually an electronic device or piece of machinery, that is non-functional or useless for its intended purpose
31. non-profit fo_____r *n.* a person who establishes an organization, institution, or business; the structural component of a ship or boat that provides stability and resistance against capsizing
32. the pe_____ve odor of garlic *adj.* spreading or existing throughout every part of a thing or place
33. co_____e augmented reality *v.* to join or merge to form a single thing or group
34. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
35. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
36. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
37. show af_____on *n.* a feeling of fondness, love, or attachment towards someone or something; a gentle or tender feeling; often used to describe a warm or caring relationship between individuals
38. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

ANSWERS: 30. paperweight, 31. founder, 32. pervasive, 33. combine, 34. dimension, 35. represent, 36. algorithm, 37. affection, 38. numb

39. deep af_____on *n.* a feeling of fondness, love, or attachment towards someone or something; a gentle or tender feeling; often used to describe a warm or caring relationship between individuals
40. abs_____ly against *adv.* without restriction or limitation; completely or utterly
41. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
42. ready-made ph___es *n.* a group of words that mean something specific when used together
43. the qu__t for truth *n.* a long or challenging search for something
44. as___n projects *v.* to give a specific job or piece of work to a someone
45. damage to internal or__ns *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
46. artistic exp_____on *n.* the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood
47. sp_____y a cause *v.* to explain or state something clearly and exactly
48. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
49. sys_____ic botany *adj.* done or acting according to a determined set of systems or plans:

ANSWERS: 39. affection, 40. absolutely, 41. dimension, 42. phrase, 43. quest, 44. assign, 45. organ, 46. expression, 47. specify, 48. statistics, 49. systematic

50. fr__k weather *n.* an abnormality that is not typical or expected
51. co____e chemically with another substance *v.* to join or merge to form a single thing or group
52. pr____le cause of a fire *adj.* likely to happen or likely to be true
53. popular tourist att____on *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
54. a c__p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
55. mu____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
56. absolutely op____d to abortion *adj.* being completely different from something or disagreeing strongly with something
57. a flight of fa__y *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
58. a profit ma____n *n.* the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
59. sp____ht effect *n.* a beam of light used to illuminate a particular area or person

ANSWERS: 50. freak, 51. combine, 52. probable, 53. attraction, 54. chip, 55. multiply, 56. opposed, 57. fancy, 58. margin, 59. spotlight

60. sp_____ht moment *n.* a beam of light used to illuminate a particular area or person
61. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
62. ana_____al approach *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
63. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
64. c__p their meal *v.* short for "compensate," meaning to give goods or services to someone without asking for payment
65. key co_____nt *n.* one of several parts that combines with others to form something bigger
66. make a cal_____on *n.* the act or process of using numbers to judge an amount of something
67. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
68. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
69. structural fo_____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

ANSWERS: 60. spotlight, 61. statistics, 62. analytical, 63. indicate, 64. comp, 65. component, 66. calculation, 67. phenomenon, 68. represent, 69. formula

70. exp_____on of interest *n.* the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood
71. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
72. sat_____ory performance *adj.* meeting the requirements or expectations; acceptable
73. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
74. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
75. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
76. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
77. sa_____y a user's needs *v.* to make somebody pleased by giving them what they want or need

ANSWERS: 70. expression, 71. phenomenon, 72. satisfactory, 73. chip, 74. process, 75. possibility, 76. rev, 77. satisfy

78. sp____y an option *v.* to explain or state something clearly and exactly
79. cal_____on of loss and gain *n.* the act or process of using numbers to judge an amount of something
80. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
81. a rock fr__k *n.* an abnormality that is not typical or expected
82. ou_____e the findings *v.* to describe the main facts or aspects involved in something
83. bu_____g desire *adj.* intense or scorching heat
84. 3D nu_____al simulation *adj.* relating to, expressed, or denoted by a number
85. do something irr_____nt *adj.* not connected with or related to something and therefore not important
86. a sys_____ic reformation *adj.* done or acting according to a determined set of systems or plans:
87. co_____e an average score *v.* to make a mathematical calculation
88. or__n bleeding *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
89. sa_____y a desire *v.* to make somebody pleased by giving them what they want or need
90. a binomial fo_____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement
91. sc__e the birds away *v.* to frighten a person or animal, or to become frightened

ANSWERS: 78. specify, 79. calculation, 80. absolutely, 81. freak, 82. outline, 83. burning, 84. numerical, 85. irrelevant, 86. systematic, 87. compute, 88. organ, 89. satisfy, 90. formula, 91. scare

92. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
93. an irr_____nt thought *adj.* not connected with or related to something and therefore not important
94. a gas cr____h *n.* a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
95. bu_____g passion *adj.* intense or scorching heat
96. ma____n error *n.* the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
97. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
98. me__y data *adj.* disorganized and untidy
99. a ma_____ry clause *adj.* required by a rule or law, compulsory
100. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
101. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
102. the nu_____al keypad *adj.* relating to, expressed, or denoted by a number
103. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another

ANSWERS: 92. numb, 93. irrelevant, 94. crunch, 95. burning, 96. margin, 97. significance, 98. messy, 99. mandatory, 100. practical, 101. decide, 102. numerical, 103. relation

104. fo____r of a company *n.* a person who establishes an organization, institution, or business; the structural component of a ship or boat that provides stability and resistance against capsizing
105. ro____ic breakup *adj.* of or relating to love or a sexual relationship
106. two op____d characters *adj.* being completely different from something or disagreeing strongly with something
107. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
108. chemical ad____on *n.* the act or process of adding something to something else; the process of adding numbers
109. in____ve judgment *adj.* obtained through feelings rather than facts or proof
110. sat____ory outcome *adj.* meeting the requirements or expectations; acceptable
111. a particular pre____ce for Chinese art *n.* a stronger liking or interest for something or someone than another thing or person
112. mu____l efforts *adj.* common to or shared by two or more parties
113. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
114. pos____ty for growth *n.* a chance that something may happen or be true

ANSWERS: 104. founder, 105. romantic, 106. opposed, 107. weigh, 108. addition, 109. intuitive, 110. satisfactory, 111. preference, 112. mutual, 113. aft, 114. possibility

115. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
116. mys_____us stranger *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
117. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
118. financial cr____h *n.* a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
119. ma_____e amounts *adj.* enormous amount; very heavy and solid
120. teaching of Ch____t *n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
121. noun ph____e *n.* a group of words that mean something specific when used together
122. ex__l at communication *v.* to be extremely good at or proficient in doing something
123. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
124. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another

ANSWERS: 115. surprisingly, 116. mysterious, 117. process, 118. crunch, 119. massive, 120. Christ, 121. phrase, 122. excel, 123. algorithm, 124. relation

125. in_____ve eating *adj.* obtained through feelings rather than facts or proof
126. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
127. ou_____ed the plan *v.* to describe the main facts or aspects involved in something
128. re_____on sociology *n.* a deep conviction in a supernatural power that controls human destiny
129. me__y handling *adj.* disorganized and untidy
130. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
131. the per_____ge of the gold content *n.* the number, amount, or rate of something, which is usually the amount per hundred
132. as___n top priority *v.* to give a specific job or piece of work to a someone
133. a n__t piece of work *adj.* clean or tidy, with everything in its place
134. a ge_____ic proof *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
135. mystical sig_____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
136. freedom of re_____on *n.* a deep conviction in a supernatural power that controls human destiny

ANSWERS: 125. intuitive, 126. component, 127. outline, 128. religion, 129. messy, 130. rev, 131. percentage, 132. assign, 133. neat, 134. geometric, 135. significance, 136. religion

Session 3: Fill in the Blanks

1. _____ a number by itself twice.
v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
2. The _____ accident caused the car to flip over and land on its roof.
n. an abnormality that is not typical or expected
3. That adventurer traveled in _____ of buried treasure.
n. a long or challenging search for something
4. The _____ value of Pi is approximately 3.14.
adj. relating to, expressed, or denoted by a number
5. The _____ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
6. The teacher told the students to memorize the math _____.
n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement
7. This page _____ our response planning for an emergency.
v. to describe the main facts or aspects involved in something
8. I had an _____ feeling that I might be pregnant.
adj. obtained through feelings rather than facts or proof

ANSWERS: 1. Multiply, 2. freak, 3. quest, 4. numerical, 5. aft, 6. formula, 7. outlines, 8. intuitive

9. Overall _____ are approximately 400x200mm.
n. a measurable extent of a particular kind, such as width, height, or length
10. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
11. The casino _____ her room and meals for being a high-rolling gambler.
v. short for "compensate," meaning to give goods or services to someone without asking for payment
12. The _____ disappearance of the ship remains unsolved.
adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
13. The industrial _____ laws were passed with little to no alteration.
n. the way two persons or groups of people feel and act toward one another
14. She felt an instant _____ toward him.
n. a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
15. The baby _____ 1 pound 3 oz.
v. to have a particular weight; to carefully evaluate things before making a conclusion
16. They removed _____ content from the slides.
adj. not connected with or related to something and therefore not important

ANSWERS: 9. dimensions, 10. process, 11. comped, 12. mysterious, 13. relations, 14. attraction, 15. weighs, 16. irrelevant

17. The _____ demonstrate that poverty and unemployment are genuine problems.
n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
18. The results of the test were _____ and met our expectations.
adj. meeting the requirements or expectations; acceptable
19. The company _____ in customer service.
v. to be extremely good at or proficient in doing something
20. Her unwavering _____ for animals led her to become a veterinarian.
n. a feeling of fondness, love, or attachment towards someone or something; a gentle or tender feeling; often used to describe a warm or caring relationship between individuals
21. The data _____ that the company's profits have steadily increased over the past quarter.
v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
22. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
23. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
24. The _____ shapes and patterns in the artwork are visually stunning.
adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

ANSWERS: 17. statistics, 18. satisfactory, 19. excels, 20. affection, 21. indicates, 22. combine, 23. component, 24. geometric

25. His facial _____ showed a mix of surprise and confusion.
n. the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood
26. It was his first _____ love.
adj. of or relating to love or a sexual relationship
27. The recent economic downturn has resulted in _____ layoffs.
adj. enormous amount; very heavy and solid
28. Their _____ strictly prohibits them from drinking or gambling.
n. a deep conviction in a supernatural power that controls human destiny
29. Suspicion and worry were _____ in our minds.
adj. spreading or existing throughout every part of a thing or place
30. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
31. She has _____ habits.
adj. clean or tidy, with everything in its place
32. Attendance at the meeting is _____ for all employees.
adj. required by a rule or law, compulsory
33. He stepped on the gas pedal, and the engine released a loud _____.
n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 25. expression, 26. romantic, 27. massive, 28. religion, 29. pervasive, 30. possibility, 31. neat, 32. mandatory, 33. rev

34. My left arm became _____.

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

35. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

36. His _____ bedroom is always a source of frustration for his mother.

adj. disorganized and untidy

37. The fire spread rapidly, engulfing everything in its path in a _____ inferno.

adj. intense or scorching heat

38. The _____ of his discovery cannot be overstated.

n. the importance or value attached to something; the quality of being significant or noteworthy

39. I tried to _____ the efficiency of the investment.

v. to make a mathematical calculation

40. We elected him to _____ us at the international conference.

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

41. The small boat's _____ was damaged in the storm, making it difficult to steer.

n. a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)

ANSWERS: 34. numb, 35. absolutely, 36. messy, 37. burning, 38. significance, 39. compute, 40. represent, 41. rudder

42. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
43. The singer was in the _____ as she performed her hit song.
- n.* a beam of light used to illuminate a particular area or person
44. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
45. Her concept is highly _____ and helpful.
- adj.* of or connected with actual use or real situation rather than with theory and ideas
46. They cooperated for their _____ benefit.
- adj.* common to or shared by two or more parties
47. Did this response _____ your request?
- v.* to make somebody pleased by giving them what they want or need
48. Science is based on the _____ classification of experience.
- adj.* done or acting according to a determined set of systems or plans:
49. The company's _____ envisioned creating innovative technology that would change the world.
- n.* a person who establishes an organization, institution, or business; the structural component of a ship or boat that provides stability and resistance against capsizing

ANSWERS: 42. algorithm, 43. spotlight, 44. addition, 45. practical, 46. mutual, 47. satisfy, 48. systematic, 49. founder

50. Her _____ is comfortable clothing over fashionable ones.

- n.* a stronger liking or interest for something or someone than another thing or person

51. We hit the ground to _____ out the rabbits.

- v.* to frighten a person or animal, or to become frightened

52. I don't _____ acting in such an important role.

- v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

53. We have discussed the entirety of this _____ problem.

- adj.* requiring care and skill because challenging to do or deal with

54. Unfortunately, the book's _____ was too small to make notes.

- n.* the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold

55. We bought a Spanish _____ book.

- n.* a group of words that mean something specific when used together

56. What is the _____ of the consumption tax in the United States?

- n.* the number, amount, or rate of something, which is usually the amount per hundred

57. _____ is the day to celebrate the birth of Christ.

- n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

ANSWERS: 50. preference, 51. scare, 52. fancy, 53. tricky, 54. margin, 55. phrase, 56. percentage, 57. Christmas

58. The error in the _____ was attributable to rounding.

n. the act or process of using numbers to judge an amount of something

59. I'm strongly _____ to that plan.

adj. being completely different from something or disagreeing strongly with something

60. The _____ of the leaves underfoot was heard as they walked through the park.

n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation

61. The stained-glass _____ added a pop of color to the desk.

n. a small, heavy object, often made of glass or metal, that is designed to hold down papers or other items on a desk or table; an object, usually an electronic device or piece of machinery, that is non-functional or useless for its intended purpose

62. He has a flair for _____.

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

63. He is _____ and can break down complex problems into manageable parts.

adj. relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

64. These infections have the potential to impact practically every _____ system.

n. a part of the body of an animal or plant that has a particular purpose and performs a specific job

ANSWERS: 58. calculation, 59. opposed, 60. crunch, 61. paperweight, 62. mathematics, 63. analytical, 64. organ

65. You can _____ the font color by clicking the Color tab.

v. to explain or state something clearly and exactly

66. The exam was _____ tricky for everyone.

adv. in a way that causes amazement or wonder

67. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

68. Please _____ a different color to each other kind of item.

v. to give a specific job or piece of work to a someone

69. We can use this campaign as a bargaining _____ in the negotiations.

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

70. She couldn't _____ whether to order the pizza or the pasta for dinner.

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

71. A rainbow is a natural _____.

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

ANSWERS: 65. specify, 66. surprisingly, 67. probable, 68. assign, 69. chip, 70. decide, 71. phenomenon