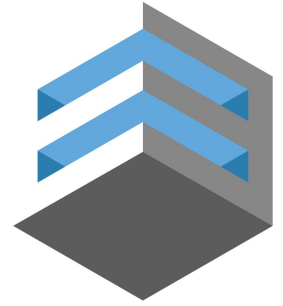


Englist.me



Vocabulary Builder Reference from...

TED-Ed: How will AI change the world? | TED Talk
https://www.ted.com/talks/ted_ed_how_will_ai_change_the_world

All Words

IMPORTANT

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Session 1: Word List

intelligence

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

synonym: brains, brightness, cleverness

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

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

excerpt

v. to take a short piece of speech, book, film, etc. from a longer whole; (noun) a short extract from a speech, book, film, etc.

synonym: extract, take out, quote

(1) **excerpt** a passage from a book, (2) **excerpt** comments from the news release

Here are **excerpts** from several recent books on quantum computing.

renowned

adj. famous and respected for great achievements, qualities, etc.

synonym: noted, prominent, acclaimed

(1) a **renowned** artist, (2) **renowned** as a novelist

This area is **renowned** for its hot springs.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing

activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

nonsense

n. an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable

synonym: ludicrousness, gabble, absurdity

(1) talk **nonsense**, (2) sheer **nonsense**

The parents spoke to their children in no- **nonsense** tones.

universe

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

synonym: cosmos, macrocosm

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

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

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.

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.

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.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

catalyst

n. a person or thing that causes an important event to happen or changes the current situation rapidly;
(chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

synonym: accelerator, stimulant, motivation

(1) a **catalyst** in the process of hydrolysis, (2) **catalyst** for reform

The global financial crisis acted as a **catalyst** to unite the country.

reaction

n. a response that reveals a person's feelings or attitude;
(in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

efficiently

adv. in a way that produces maximum output with minimum effort or expense

synonym: expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity
A smaller car will **consume** less fuel.

quarter

n. one of four equal parts; a fourth part or portion

synonym: fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**
The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**
The passenger grabbed for the **oxygen** mask.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

apparently

adv. based on what you have heard or read

synonym: evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated

The police **apparently** believed this explanation was plausible.

unpleasant

adj. not enjoyable or comfortable

synonym: disagreeable, displeasing, distasteful

(1) **unpleasant** behavior, (2) with **unpleasant** body odor
It is **unpleasant** to see criminal behavior even though it is minor.

atmospheric

adj. about or located in the earth's atmosphere

synonym: atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,
(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

seaweed

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

synonym: kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

Don

n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge

(1) the **don** of the university, (2) **Don** Giovanni

He could never go against what **Don** Carlos said.

euro

n. the official currency of most European Union countries

(1) the value of the **Euro**, (2) **Euro** crises

Some countries may leave the **Euro**.

entirely

adv. completely

synonym: completely, fully, totally

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

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

norm

n. something that is regarded as usual, typical, or standard

synonym: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

repaint

v. to apply a new or fresh coat of paint

(1) **repaint** the wall, (2) **repaint** a house

She tried to **repaint** an incorrectly painted object.

drainpipe

n. a pipe that carries rainwater, dirty water, or sewage away from buildings

synonym: sewer, gutter

(1) cleaning of **drainpipe**, (2) **drainpipe** jeans

The exterior **drainpipe** is choked up with rubbish.

terribly

adv. very badly; to a great extent or very much

synonym: awfully, abominably, badly

(1) suffer **terribly**, (2) I am **terribly** sorry

His arm was swollen and **terribly** red.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym: refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

exhibit

v. to show something in public for people to enjoy or to provide them with information

synonym: display, expose, show

(1) **exhibit** a bad attitude, (2) **exhibit** a great talent

Other technology industries **exhibit** similarly explosive growth.

rid

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

uncertain

adj. not being sure of something; not being able to choose
synonym: doubtful, skeptical, pending

(1) numerous **uncertain** factors, (2) take an **uncertain** attitude

She was **uncertain** about her friend's intentions.

certainty

n. the state of being certain

synonym: inevitability, confidence, assurance

(1) scientific **certainty**, (2) reach **certainty** about the theory
Through investigation, his suspicions hardened into **certainty**.

psychopathic

adj. relating to or suffering from a serious, and often undiagnosed, mental disorder with extreme or violent social behavior

synonym: psychotic, crazy, insane

(1) high levels of **psychopathic** traits, (2) **psychopathic** issues

He is going to play a **psychopathic** killer in this movie.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed
I advised him to **adapt** to his new surroundings.

automated

adj. carried out by machines or computers to replace or decrease human labor

synonym: computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way
The plant will continue operating through an **automated** system 24 hours a day.

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

plectrum

n. a small and thin piece of plastic, metal, etc., used to pluck a stringed instrument such as a guitar or harp

synonym : pick

(1) a **plectrum** for lyre playing, (2) use a **plectrum**

She struck the strings with a **plectrum** carefully.

pluck

v. to pull or draw something, especially with sudden force or effort; to strip of feathers

synonym : grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds

She **plucked** the flowers off the bush.

lyre

n. an ancient musical instrument with strings fastened in a frame used by ancient Greeks for accompaniment

synonym : harp

(1) twang the **lyre**, (2) **lyre** snakes

The recitations of the ancient Greeks were accompanied by **lyre** playing.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

unemployed

adj. not having a job, although able to work

synonym : idle, inactive, jobless

(1) assignment for the **unemployed** youth, (2) people who are **unemployed**

My father was **unemployed** for so long.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**
There are **obvious** differences between the two wine-producing regions.

warehouse

n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

synonym: storage, repository, depot

(1) a rental **warehouse**, (2) **warehouse** debt
The fire ruined all the food stored in the **warehouse**.

operate

v. to work in a particular way; to supervise something
synonym: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

pile

n. a collection of objects positioned one on top of another; a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

rummage

v. to search for something thoroughly by moving things around unsystematically and carelessly

synonym: search, ransack, dig up

(1) **rummage** about in the room, (2) **rummage** through his mind

The police **rummaged** through his belongings, looking for

illegal drugs.

shelve

v. to put or arrange something, especially books, on a shelf; to decide not to take action on something either for a short time or permanently

synonym: defer, postpone, freeze

(1) **shelve** a book, (2) **shelve** a bill

Considering the recent increase in interest rates, we must **shelve** our plans to buy a new house.

bin

n. a container, usually that has a lid and used for waste

synonym: container, trunk, garbage can

(1) a waste **bin**, (2) mail **bin**

You can open the overhead **bin** after landing.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

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

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

stroke

n. a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

synonym: blow

(1) suffer **stroke**, (2) a **stroke** of the putter

This year's extreme heat has resulted in many heat **stroke** cases.

eliminate

v. to remove or get rid of someone or something

synonym: wipe out, destroy, eradicate

(1) **eliminate** contestants, (2) **eliminate** sexual barriers

We can **eliminate** this possibility from those consumptions.

incentive

n. something, such as a punishment, reward, etc., that encourages a person to do something

synonym: encouragement, inducement, enticement

(1) financial **incentives**, (2) an **incentive** to work hard
They have no **incentive** to win the game.

enfeeble

v. to make someone or something very weak

synonym: attenuate, weaken, sap

(1) **enfeeble** the public administration, (2) **enfeeble** the power of control

The recurrence of that disease **enfeebled** her.

infantilize

v. to treat someone as if that person were a child or in a way that denies their maturity in age or experience

(1) **infantilize** their daughter, (2) **infantilize** the public

The teen-pop industry tends to **infantilize** its stars.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

unbroken

adj. continuous and not interrupted; (of promises or contracts) not violated or disregarded

synonym: intact, unchanged, continuing

(1) an **unbroken** horse, (2) **unbroken** chain

He enjoyed the **unbroken** quiet of the afternoon at the villa.

arrival

n. the act or situation of coming or being brought to a place; accomplishment of an objective

synonym: reaching, appearance, coming

(1) **arrival** and departure gate, (2) **arrival** at a conclusion

Weather forecasters are predicting the **arrival** of a heatwave.

pinpoint

v. to locate or identify the exact position in space or time of something

synonym: name, direct, identify

(1) **pinpoint** the problem, (2) **pinpoint** signs of manipulation

This radar quickly **pinpoints** the position of the enemy.

advance

v. to go or move forward; to develop in a positive way

synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

median

n. the value separating the higher half from the lower half of a set of values arranged in order of size

synonym: middle, center

(1) **median** age at diagnosis, (2) a **median** strip

Median annual income fell last year in this country.

conservative

adj. holding traditional views and values and opposed to change or innovation

synonym: traditional, reactionary, cautious

(1) a **conservative** society, (2) **conservative** about production

He always makes a **conservative** estimation when predicting future sales.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. get r_d of the rats | <i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person |
| 2. ex____t a passage from a book | <i>v.</i> to take a short piece of speech, book, film, etc. from a longer whole; (noun) a short extract from a speech, book, film, etc. |
| 3. sp____y a cause | <i>v.</i> to explain or state something clearly and exactly |
| 4. talk no____se | <i>n.</i> an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable |
| 5. se____te video into chapter | <i>v.</i> to force, take, or pull apart; mark as different |
| 6. ru____e through his mind | <i>v.</i> to search for something thoroughly by moving things around unsystematically and carelessly |
| 7. lack of ox____n | <i>n.</i> the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live |
| 8. I am te____ly sorry | <i>adv.</i> very badly; to a great extent or very much |
| 9. scientific ce____ty | <i>n.</i> the state of being certain |
| 10. psy____hic issues | <i>adj.</i> relating to or suffering from a serious, and often undiagnosed, mental disorder with extreme or violent social behavior |

ANSWERS: 1. rid, 2. excerpt, 3. specify, 4. nonsense, 5. separate, 6. rummage, 7. oxygen, 8. terribly, 9. certainty, 10. psychopathic

11. mu___l efforts	<i>adj.</i> common to or shared by two or more parties
12. the local chamber of co____ce	<i>n.</i> the activity of buying and selling things, especially on a large scale
13. pi____nt the problem	<i>v.</i> to locate or identify the exact position in space or time of something
14. ar____l at a conclusion	<i>n.</i> the act or situation of coming or being brought to a place; accomplishment of an objective
15. eff______ly combined	<i>adv.</i> in a way that produces maximum output with minimum effort or expense
16. D_n Giovanni	<i>n.</i> a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
17. he was en____ly to blame	<i>adv.</i> completely
18. ar____l and departure gate	<i>n.</i> the act or situation of coming or being brought to a place; accomplishment of an objective
19. pl__k a gray hair	<i>v.</i> to pull or draw something, especially with sudden force or effort; to strip of feathers
20. an int____nce test	<i>n.</i> the ability to learn, comprehend, or make judgments or conclusions based on reasons
21. pl__k out weeds	<i>v.</i> to pull or draw something, especially with sudden force or effort; to strip of feathers
22. ac____te measurements	<i>adj.</i> correct and exact in all details

ANSWERS: 11. mutual, 12. commerce, 13. pinpoint, 14. arrival, 15. efficiently, 16. Don, 17. entirely, 18. arrival, 19. pluck, 20. intelligence, 21. pluck, 22. accurate

23. manually op_____e a machine	<i>v.</i> to work in a particular way; to supervise something
24. a waste b_n	<i>n.</i> a container, usually that has a lid and used for waste
25. a re_____ed artist	<i>adj.</i> famous and respected for great achievements, qualities, etc.
26. re_____t a house	<i>v.</i> to apply a new or fresh coat of paint
27. cultural n_m	<i>n.</i> something that is regarded as usual, typical, or standard
28. a st___e of the putter	<i>n.</i> a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
29. his conclusion was ob_____s	<i>adj.</i> easy to see, discover or understand
30. tr_____on cubic feet	<i>n.</i> the number 1,000,000,000,000; a million million
31. ca_____st for reform	<i>n.</i> a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
32. inf_____ze their daughter	<i>v.</i> to treat someone as if that person were a child or in a way that denies their maturity in age or experience
33. the hydrogen binds the ox___n	<i>n.</i> the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

ANSWERS: 23. operate, 24. bin, 25. renowned, 26. repaint, 27. norm, 28. stroke, 29. obvious, 30. trillion, 31. catalyst, 32. infantilize, 33. oxygen

34. we__e on a loom	<i>v.</i> to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
35. assignment for the une_____ed youth	<i>adj.</i> not having a job, although able to work
36. ad_____e the technology	<i>v.</i> to go or move forward; to develop in a positive way
37. chemical re_____on	<i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
38. l__e snakes	<i>n.</i> an ancient musical instrument with strings fastened in a frame used by ancient Greeks for accompaniment
39. tec_____cal policy	<i>adj.</i> based on scientific and industrial progress
40. carbon dioxide in the atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
41. ex_____t a great talent	<i>v.</i> to show something in public for people to enjoy or to provide them with information
42. a pl_____um for lyre playing	<i>n.</i> a small and thin piece of plastic, metal, etc., used to pluck a stringed instrument such as a guitar or harp
43. el_____te sexual barriers	<i>v.</i> to remove or get rid of someone or something
44. apply AI technology to art	<i>n.</i> (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 34. weave, 35. unemployed, 36. advance, 37. reaction, 38. lyre, 39. technological, 40. atmosphere, 41. exhibit, 42. plectrum, 43. eliminate, 44. AI

45. doubling of atm_____ic carbon dioxide	<i>adj.</i> about or located in the earth's atmosphere
46. mail b_n	<i>n.</i> a container, usually that has a lid and used for waste
47. en_____le the public administration	<i>v.</i> to make someone or something very weak
48. aci_____ion of soil	<i>n.</i> the act or process of becoming acid or making something become acid
49. many tr_____ons of dollars	<i>n.</i> the number 1,000,000,000,000; a million million
50. op_____e 24 hours a day	<i>v.</i> to work in a particular way; to supervise something
51. floating se_____d	<i>n.</i> a plant that grows in the sea or on land very close to the sea, especially marine algae
52. ex____d a lineup	<i>v.</i> to increase or to make something greater in size, number, or importance
53. the RSA al_____hm	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
54. sh____e a bill	<i>v.</i> to put or arrange something, especially books, on a shelf; to decide not to take action on something either for a short time or permanently
55. a convivial atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
56. use a pl_____um	<i>n.</i> a small and thin piece of plastic, metal, etc., used to pluck a stringed instrument such as a guitar or harp

ANSWERS: 45. atmospheric, 46. bin, 47. enfeeble, 48. acidification, 49. trillion, 50. operate, 51. seaweed, 52. expand, 53. algorithm, 54. shelve, 55. atmosphere, 56. plectrum

57. au_____ed manual transmission	<i>adj.</i> carried out by machines or computers to replace or decrease human labor
58. en_____ly satisfied with the meal	<i>adv.</i> completely
59. take an un_____in attitude	<i>adj.</i> not being sure of something; not being able to choose
60. unp_____nt behavior	<i>adj.</i> not enjoyable or comfortable
61. n__m of action	<i>n.</i> something that is regarded as usual, typical, or standard
62. share of a mu____l fund	<i>adj.</i> common to or shared by two or more parties
63. con_____ive about production	<i>adj.</i> holding traditional views and values and opposed to change or innovation
64. field of artificial int_____nce	<i>n.</i> the ability to learn, comprehend, or make judgments or conclusions based on reasons
65. ex____d agricultural output	<i>v.</i> to increase or to make something greater in size, number, or importance
66. me____n age at diagnosis	<i>n.</i> the value separating the higher half from the lower half of a set of values arranged in order of size
67. se_____d broth	<i>n.</i> a plant that grows in the sea or on land very close to the sea, especially marine algae
68. an un_____en horse	<i>adj.</i> continuous and not interrupted; (of promises or contracts) not violated or disregarded
69. sheer no_____se	<i>n.</i> an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable

ANSWERS: 57. automated, 58. entirely, 59. uncertain, 60. unpleasant, 61. norm, 62. mutual, 63. conservative, 64. intelligence, 65. expand, 66. median, 67. seaweed, 68. unbroken, 69. nonsense

70. sh___e a book	<i>v.</i> to put or arrange something, especially books, on a shelf; to decide not to take action on something either for a short time or permanently
71. sp____y an option	<i>v.</i> to explain or state something clearly and exactly
72. ob____s reasons	<i>adj.</i> easy to see, discover or understand
73. with unp_____nt body odor	<i>adj.</i> not enjoyable or comfortable
74. se_____te cream from milk	<i>v.</i> to force, take, or pull apart; mark as different
75. ad_____e a cooperative relationship	<i>v.</i> to go or move forward; to develop in a positive way
76. reach ce_____ty about the theory	<i>n.</i> the state of being certain
77. un_____en chain	<i>adj.</i> continuous and not interrupted; (of promises or contracts) not violated or disregarded
78. interstate co_____ce	<i>n.</i> the activity of buying and selling things, especially on a large scale
79. ru_____e about in the room	<i>v.</i> to search for something thoroughly by moving things around unsystematically and carelessly
80. develop software more eff_____ly	<i>adv.</i> in a way that produces maximum output with minimum effort or expense
81. wa_____se debt	<i>n.</i> a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
82. financial in_____ves	<i>n.</i> something, such as a punishment, reward, etc., that encourages a person to do something

ANSWERS: 70. shelve, 71. specify, 72. obvious, 73. unpleasant, 74. separate, 75. advance, 76. certainty, 77. unbroken, 78. commerce, 79. rummage, 80. efficiently, 81. warehouse, 82. incentive

83. tec_____cal advancement	<i>adj.</i> based on scientific and industrial progress
84. E__o crises	<i>n.</i> the official currency of most European Union countries
85. re_____ed as a novelist	<i>adj.</i> famous and respected for great achievements, qualities, etc.
86. el_____te contestants	<i>v.</i> to remove or get rid of someone or something
87. r_d the body of waste products	<i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person
88. provide ac_____te information	<i>adj.</i> correct and exact in all details
89. people who are une_____ed	<i>adj.</i> not having a job, although able to work
90. twang the l__e	<i>n.</i> an ancient musical instrument with strings fastened in a frame used by ancient Greeks for accompaniment
91. ex_____t comments from the news release	<i>v.</i> to take a short piece of speech, book, film, etc. from a longer whole; (noun) a short extract from a speech, book, film, etc.
92. suffer te_____ly	<i>adv.</i> very badly; to a great extent or very much
93. suffer st____e	<i>n.</i> a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
94. the height of a p__e	<i>n.</i> a collection of objects positioned one on top of another; a large sum of something, such as money

ANSWERS: 83. technological, 84. euro, 85. renowned, 86. eliminate, 87. rid, 88. accurate, 89. unemployed, 90. lyre, 91. excerpt, 92. terribly, 93. stroke, 94. pile

95. stream aci_____ion	<i>n.</i> the act or process of becoming acid or making something become acid
96. app_____ly simple	<i>adv.</i> based on what you have heard or read
97. a qu_____r mile	<i>n.</i> one of four equal parts; a fourth part or portion
98. ex_____t a bad attitude	<i>v.</i> to show something in public for people to enjoy or to provide them with information
99. a me____n strip	<i>n.</i> the value separating the higher half from the lower half of a set of values arranged in order of size
100. ad__t fully to the environment	<i>v.</i> to make fit for or change to suit a new purpose or environment
101. a rental wa_____se	<i>n.</i> a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
102. numerous un_____in factors	<i>adj.</i> not being sure of something; not being able to choose
103. high levels of psy_____hic traits	<i>adj.</i> relating to or suffering from a serious, and often undiagnosed, mental disorder with extreme or violent social behavior
104. AI expert	<i>n.</i> (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 95. acidification, 96. apparently, 97. quarter, 98. exhibit, 99. median, 100. adapt, 101. warehouse, 102. uncertain, 103. psychopathic, 104. AI

105. cleaning of dr_____pe	<i>n.</i> a pipe that carries rainwater, dirty water, or sewage away from buildings
106. an in_____ve to work hard	<i>n.</i> something, such as a punishment, reward, etc., that encourages a person to do something
107. pi_____nt signs of manipulation	<i>v.</i> to locate or identify the exact position in space or time of something
108. re_____t the wall	<i>v.</i> to apply a new or fresh coat of paint
109. the d_n of the university	<i>n.</i> a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
110. end of the first qu_____r	<i>n.</i> one of four equal parts; a fourth part or portion
111. sop_____ted look	<i>adj.</i> having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
112. app_____ly unrelated	<i>adv.</i> based on what you have heard or read
113. en_____le the power of control	<i>v.</i> to make someone or something very weak
114. trigger a re_____on	<i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
115. a sand p__e	<i>n.</i> a collection of objects positioned one on top of another; a large sum of something, such as money
116. al_____hm for image processing	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 105. drainpipe, 106. incentive, 107. pinpoint, 108. repaint, 109. Don, 110. quarter, 111. sophisticated, 112. apparently, 113. enfeeble, 114. reaction, 115. pile, 116. algorithm

117. a ca____st in the process of hydrolysis	<i>n.</i> a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
118. dr_____pe jeans	<i>n.</i> a pipe that carries rainwater, dirty water, or sewage away from buildings
119. we__e a story	<i>v.</i> to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
120. a sop_____ted lifestyle	<i>adj.</i> having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
121. ad__t as needed	<i>v.</i> to make fit for or change to suit a new purpose or environment
122. inf_____ze the public	<i>v.</i> to treat someone as if that person were a child or in a way that denies their maturity in age or experience
123. the value of the E__o	<i>n.</i> the official currency of most European Union countries
124. co_____e electricity	<i>v.</i> to spend something, especially fuel, energy, or time, in a large amount
125. co_____e a large of alcohol	<i>v.</i> to spend something, especially fuel, energy, or time, in a large amount
126. atm_____ic pressure	<i>adj.</i> about or located in the earth's atmosphere
127. au_____ed way	<i>adj.</i> carried out by machines or computers to replace or decrease human labor

ANSWERS: 117. catalyst, 118. drainpipe, 119. weave, 120. sophisticated, 121. adapt, 122. infantilize, 123. euro, 124. consume, 125. consume, 126. atmospheric, 127. automated

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|--------------------------------|--|
| 128. expansion of the un____se | <i>n.</i> everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy |
| 129. theory of the un____se | <i>n.</i> everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy |
| 130. a con_____ive society | <i>adj.</i> holding traditional views and values and opposed to change or innovation |

ANSWERS: 128. universe, 129. universe, 130. conservative

Session 3: Fill in the Blanks

1. The spaceship began to burn up as it approached the Earth's _____.
n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
2. He could never go against what ____ Carlos said.
n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
3. Marketing strategies are growing more _____.
adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
4. This machine is too difficult to _____ for me.
v. to work in a particular way; to supervise something
5. The recitations of the ancient Greeks were accompanied by _____ playing.
n. an ancient musical instrument with strings fastened in a frame used by ancient Greeks for accompaniment
6. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money
7. We can _____ this possibility from those consumptions.
v. to remove or get rid of someone or something
8. The teen-pop industry tends to _____ its stars.
v. to treat someone as if that person were a child or in a way that denies their maturity in age or experience

ANSWERS: 1. atmosphere, 2. Don, 3. sophisticated, 4. operate, 5. lyre, 6. piles, 7. eliminate, 8. infantilize

9. My father was _____ for so long.
adj. not having a job, although able to work
10. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
11. Some countries may leave the _____.
n. the official currency of most European Union countries
12. The fire ruined all the food stored in the _____.
n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
13. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
14. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.
n. one of four equal parts; a fourth part or portion
15. His arm was swollen and _____ red.
adv. very badly; to a great extent or very much
16. The sea surface temperature and _____ circulation are inextricably linked.
adj. about or located in the earth's atmosphere
17. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way

ANSWERS: 9. unemployed, 10. adapt, 11. Euro, 12. warehouse, 13. obvious, 14. quarter, 15. terribly, 16. atmospheric, 17. advance

18. One light year is nearly 6 _____ miles.

n. the number 1,000,000,000,000; a million million

19. The girl _____ a garland for her friend.

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

20. It is _____ to see criminal behavior even though it is minor.

adj. not enjoyable or comfortable

21. Here are _____ from several recent books on quantum computing.

v. to take a short piece of speech, book, film, etc. from a longer whole; (noun) a short extract from a speech, book, film, etc.

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

v. to explain or state something clearly and exactly

23. She _____ the flowers off the bush.

v. to pull or draw something, especially with sudden force or effort; to strip of feathers

24. She tried to _____ an incorrectly painted object.

v. to apply a new or fresh coat of paint

25. The recurrence of that disease _____ her.

v. to make someone or something very weak

26. This area is _____ for its hot springs.

adj. famous and respected for great achievements, qualities, etc.

ANSWERS: 18. trillion, 19. weaves, 20. unpleasant, 21. excerpts, 22. specify, 23. plucked, 24. repaint, 25. enfeebled, 26. renowned

27. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
28. A smaller car will _____ less fuel.
v. to spend something, especially fuel, energy, or time, in a large amount
29. Ocean _____ leads to a decrease in tiny sea snails.
n. the act or process of becoming acid or making something become acid
30. They have no _____ to win the game.
n. something, such as a punishment, reward, etc., that encourages a person to do something
31. This company has invested heavily in Internet _____.
n. the activity of buying and selling things, especially on a large scale
32. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
33. Weather forecasters are predicting the _____ of a heatwave.
n. the act or situation of coming or being brought to a place; accomplishment of an objective
34. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
35. Considering the recent increase in interest rates, we must _____ our plans to buy a new house.
v. to put or arrange something, especially books, on a shelf; to decide not to take action on something either for a short time or permanently

ANSWERS: 27. norms, 28. consume, 29. acidification, 30. incentive, 31. commerce, 32. reaction, 33. arrival, 34. Technological, 35. shelf

36. They cooperated for their _____ benefit.

adj. common to or shared by two or more parties

37. She soaked _____ in water until tender.

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

38. The global financial crisis acted as a _____ to unite the country.

n. a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

39. The official transcript contains _____ academic records.

adj. correct and exact in all details

40. We can resolve support requests quickly and _____ by utilization of AI.

adv. in a way that produces maximum output with minimum effort or expense

41. The evolution of processors has dramatically improved the performance of ____.

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

42. The police _____ through his belongings, looking for illegal drugs.

v. to search for something thoroughly by moving things around unsystematically and carelessly

43. Other technology industries _____ similarly explosive growth.

v. to show something in public for people to enjoy or to provide them with information

ANSWERS: 36. mutual, 37. seaweed, 38. catalyst, 39. accurate, 40. efficiently, 41. AI, 42. rummaged, 43. exhibit

44. She struck the strings with a _____ carefully.
n. a small and thin piece of plastic, metal, etc., used to pluck a stringed instrument such as a guitar or harp
45. He is going to play a _____ killer in this movie.
adj. relating to or suffering from a serious, and often undiagnosed, mental disorder with extreme or violent social behavior
46. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
47. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
v. to force, take, or pull apart; mark as different
48. She was _____ about her friend's intentions.
adj. not being sure of something; not being able to choose
49. Through investigation, his suspicions hardened into _____.
n. the state of being certain
50. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
51. The plant will continue operating through an _____ system 24 hours a day.
adj. carried out by machines or computers to replace or decrease human labor

ANSWERS: 44. plectrum, 45. psychopathic, 46. oxygen, 47. separate, 48. uncertain, 49. certainty, 50. universe, 51. automated

52. This radar quickly _____ the position of the enemy.

v. to locate or identify the exact position in space or time of something

53. The exterior _____ is choked up with rubbish.

n. a pipe that carries rainwater, dirty water, or sewage away from buildings

54. You can open the overhead ____ after landing.

n. a container, usually that has a lid and used for waste

55. He always makes a _____ estimation when predicting future sales.

adj. holding traditional views and values and opposed to change or innovation

56. 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

57. The police _____ believed this explanation was plausible.

adv. based on what you have heard or read

58. We must ____ ourselves of pollution.

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

59. In terms of _____ he was head and shoulders above his classmates.

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

60. He enjoyed the _____ quiet of the afternoon at the villa.

adj. continuous and not interrupted; (of promises or contracts) not violated or disregarded

ANSWERS: 52. pinpoints, 53. drainpipe, 54. bin, 55. conservative, 56. algorithm, 57. apparently, 58. rid, 59. intelligence, 60. unbroken

61. This year's extreme heat has resulted in many heat _____ cases.

- n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

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

- adv.* completely

63. They hope to _____ their business worldwide.

- v.* to increase or to make something greater in size, number, or importance

64. _____ annual income fell last year in this country.

- n.* the value separating the higher half from the lower half of a set of values arranged in order of size

65. The parents spoke to their children in no-_____ tones.

- n.* an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable

ANSWERS: 61. stroke, 62. entirely, 63. expand, 64. Median, 65. nonsense