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Vocabulary Builder Reference from...

Gerry Wright: How can we solve the antibiotic resistance crisis? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

penicillin

n. an antibiotic drug derived from mold and used to treat bacterial infections

synonym: antibiotic, bacitracin

(1) **penicillin** allergy, (2) **penicillin** sensitivity testing

The doctor prescribed **penicillin** to treat the bacterial infection.

antidepressant

n. any of a class of drugs used to reduce feelings of sadness and worry

(1) an **antidepressant** drug, (2) **antidepressant** effect

She has been taking **antidepressants** since her baby died.

indefinitely

adv. without any fixed or definite limit; for an unknown or unspecified period of time

synonym: endlessly, permanently, perpetually

(1) postpone a meeting **indefinitely**, (2) **indefinitely** suspended

The construction project has been delayed **indefinitely** due to the pandemic.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

salmonella

n. a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water

(1) **salmonella** infection, (2) detect **salmonella** contamination

A **salmonella** outbreak at the local restaurant caused many people to become sick.

infect

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

synonym : pollute, contaminate, affect

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

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

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing

severe illness if ingested.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

woe

n. significant problems or troubles; great unhappiness

synonym: anguish, despair, suffering

(1) economic **woe**, (2) full of **woe**

Recurrent financial **woes** hampered his subsequent career.

bankrupt

adj. unable to pay one's debts; having been reduced to a state of financial ruin; lacking in something essential or fundamental

synonym: insolvent, broke, ruined

(1) **bankrupt** business, (2) financially **bankrupt**

Unfortunately, the company went **bankrupt** and had to close its doors permanently.

bacteriophage

n. (also "phage") a virus that infects and destroys bacteria

synonym: phage, bacterial virus, bacteriovore

(1) DNA-containing **bacteriophage**, (2) **bacteriophage** infection

Scientists are studying the use of **bacteriophages** to combat bacterial infections.

counteract

v. to act against something to reduce its bad or harmful effects or neutralize it

synonym: balance, offset, compensate

(1) **counteract** the effect of poison, (2) **counteract** global

warming

Our body's immune system produces antibodies to **counteract** disease.

sparing

adj. characterized by using or giving very little of something; frugal or economical in the use of resources or materials

synonym: frugal, economical, thrifty

(1) a **sparing** amount of sugar, (2) time **sparing**

The **sparing** use of resources is important for conservation efforts.

incentivize

v. to make someone want to do in a particular way by offering them a reward

synonym: encourage, motivate

(1) **incentivize** carpooling, (2) **incentivize** the right behavior

Governments **incentivize** their citizens to buy eco-friendly products through subsidies.

Session 2: Spelling

1. ba____pt business *adj.* unable to pay one's debts; having been reduced to a state of financial ruin; lacking in something essential or fundamental
2. in____t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
3. traditional me_____al *adj.* of or relating to the treatment or cure of disease
4. bac_____age infection *n.* (also "phage") a virus that infects and destroys bacteria
5. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
6. symbiotic fu____s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
7. financially ba____pt *adj.* unable to pay one's debts; having been reduced to a state of financial ruin; lacking in something essential or fundamental
8. pen_____in allergy *n.* an antibiotic drug derived from mold and used to treat bacterial infections
9. fu____s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 1. bankrupt, 2. infect, 3. medicinal, 4. bacteriophage, 5. degrade, 6. fungus, 7. bankrupt, 8. penicillin, 9. fungus

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|-------------------------------------|--|
| 10. ind_____ely suspended | <i>adv.</i> without any fixed or definite limit; for an unknown or unspecified period of time |
| 11. me_____al chemistry | <i>adj.</i> of or relating to the treatment or cure of disease |
| 12. pen_____in sensitivity testing | <i>n.</i> an antibiotic drug derived from mold and used to treat bacterial infections |
| 13. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 14. cou_____ct global warming | <i>v.</i> to act against something to reduce its bad or harmful effects or neutralize it |
| 15. sal_____la infection | <i>n.</i> a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water |
| 16. detect sal_____la contamination | <i>n.</i> a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water |
| 17. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 18. time sp_____g | <i>adj.</i> characterized by using or giving very little of something; frugal or economical in the use of resources or materials |
| 19. DNA-containing bac_____age | <i>n.</i> (also "phage") a virus that infects and destroys bacteria |
| 20. inc_____ze the right behavior | <i>v.</i> to make someone want to do in a particular way by offering them a reward |

ANSWERS: 10. indefinitely, 11. medicinal, 12. penicillin, 13. opportune, 14. counteract, 15. salmonella, 16. salmonella, 17. opportune, 18. sparing, 19. bacteriophage, 20. incentivize

21. postpone a meeting ind_____ely *adv.* without any fixed or definite limit; for an unknown or unspecified period of time
22. a sp_____g amount of sugar *adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials
23. cou_____ct the effect of poison *v.* to act against something to reduce its bad or harmful effects or neutralize it
24. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
25. ant_____ant effect *n.* any of a class of drugs used to reduce feelings of sadness and worry
26. inc_____ze carpooling *v.* to make someone want to do in a particular way by offering them a reward
27. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
28. an ant_____ant drug *n.* any of a class of drugs used to reduce feelings of sadness and worry
29. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
30. full of w_e *n.* significant problems or troubles; great unhappiness
31. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
32. economic w_e *n.* significant problems or troubles; great unhappiness

ANSWERS: 21. indefinitely, 22. sparing, 23. counteract, 24. degrade, 25. antidepressant, 26. incentivize, 27. microbe, 28. antidepressant, 29. microbe, 30. woe, 31. infect, 32. woe

ANSWERS:

Session 3: Fill in the Blanks

1. The _____ use of resources is important for conservation efforts.
adj. characterized by using or giving very little of something; frugal or economical in the use of resources or materials
2. The doctor prescribed _____ to treat the bacterial infection.
n. an antibiotic drug derived from mold and used to treat bacterial infections
3. Unfortunately, the company went _____ and had to close its doors permanently.
adj. unable to pay one's debts; having been reduced to a state of financial ruin; lacking in something essential or fundamental
4. A _____ outbreak at the local restaurant caused many people to become sick.
n. a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water
5. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
6. Governments _____ their citizens to buy eco-friendly products through subsidies.
v. to make someone want to do in a particular way by offering them a reward
7. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease

ANSWERS: 1. sparing, 2. penicillin, 3. bankrupt, 4. salmonella, 5. Microbes, 6. incentivize, 7. medicinal

8. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
9. She has been taking _____ since her baby died.
n. any of a class of drugs used to reduce feelings of sadness and worry
10. Recurrent financial _____ hampered his subsequent career.
n. significant problems or troubles; great unhappiness
11. Our body's immune system produces antibodies to _____ disease.
v. to act against something to reduce its bad or harmful effects or neutralize it
12. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
13. Scientists are studying the use of _____ to combat bacterial infections.
n. (also "phage") a virus that infects and destroys bacteria
14. You should not _____ yourself by allowing them to use you.
v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
15. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 8. infect, 9. antidepressants, 10. woes, 11. counteract, 12. fungus, 13. bacteriophages, 14. degrade, 15. opportune

16. The construction project has been delayed _____ due to the pandemic.
adv. without any fixed or definite limit; for an unknown or unspecified period of time

ANSWERS: 16. indefinitely