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Vocabulary Builder Reference from...

Leila Pirhaji: The medical potential of AI and metabolites | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

metabolite

n. a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

synonym: intermediate

(1) **metabolite** concentration, (2) drug **metabolite**

The liver **metabolite** levels were higher than usual.

fructose

n. a simple sugar that is found in many fruits and vegetables and is about twice as sweet as sucrose

synonym: fruit sugar, levulose, laevulose

(1) **fructose** content, (2) heredity **fructose** intolerance

High **fructose** corn syrup is a common ingredient in processed foods.

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.

spectrometer

n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

synonym : spectroscope, analyzer, detector

(1) **spectrometer** measurement, (2) optical **spectrometer**

The infrared **spectrometer** helped identify the chemical composition of the sample.

galactose

n. a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics

synonym : sugar

(1) consumption of **galactose**, (2) **galactose** metabolism

People with **galactose** intolerance must avoid dairy products because their bodies cannot break down this sugar.

ambiguity

n. the quality of being open to more than one interpretation; the uncertainty of meaning

synonym : uncertainty, vagueness, obscurity

(1) free from **ambiguity**, (2) avoid **ambiguity** in writing

The **ambiguity** in the instructions made it difficult for her to complete the task.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym : guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

Session 2: Spelling

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|-------------------------------|--|
| 1. optical spe_____ter | <i>n.</i> a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials |
| 2. in__r quality from price | <i>v.</i> to form an opinion or conclude that something is true based on existing facts |
| 3. avoid am_____ty in writing | <i>n.</i> the quality of being open to more than one interpretation; the uncertainty of meaning |
| 4. ga_____se metabolism | <i>n.</i> a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics |
| 5. spe_____ter measurement | <i>n.</i> a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials |
| 6. me_____al chemistry | <i>adj.</i> of or relating to the treatment or cure of disease |
| 7. free from am_____ty | <i>n.</i> the quality of being open to more than one interpretation; the uncertainty of meaning |
| 8. in__r the possibility | <i>v.</i> to form an opinion or conclude that something is true based on existing facts |

ANSWERS: 1. spectrometer, 2. infer, 3. ambiguity, 4. galactose, 5. spectrometer, 6. medicinal, 7. ambiguity, 8. infer

9. consumption of ga_____se *n.* a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics
10. met_____te concentration *n.* a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions
11. heredity fr_____se intolerance *n.* a simple sugar that is found in many fruits and vegetables and is about twice as sweet as sucrose
12. traditional me_____al *adj.* of or relating to the treatment or cure of disease
13. fr_____se content *n.* a simple sugar that is found in many fruits and vegetables and is about twice as sweet as sucrose
14. drug met_____te *n.* a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

ANSWERS: 9. galactose, 10. metabolite, 11. fructose, 12. medicinal, 13. fructose, 14. metabolite

Session 3: Fill in the Blanks

1. The _____ in the instructions made it difficult for her to complete the task.
n. the quality of being open to more than one interpretation; the uncertainty of meaning

2. The infrared _____ helped identify the chemical composition of the sample.
n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

3. Animal desire and preference are always _____ from their behavior.
v. to form an opinion or conclude that something is true based on existing facts

4. People with _____ intolerance must avoid dairy products because their bodies cannot break down this sugar.
n. a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics

5. The liver _____ levels were higher than usual.
n. a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

6. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease

7. High _____ corn syrup is a common ingredient in processed foods.
n. a simple sugar that is found in many fruits and vegetables and is about twice as sweet as sucrose

ANSWERS: 1. ambiguity, 2. spectrometer, 3. inferred, 4. galactose, 5. metabolite, 6. medicinal, 7. fructose

ANSWERS: