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Boghuma Kabisen Titanji: Ethical riddles in HIV research | TED Talk

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

Advanced Words Only

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Session 1: Word List

retrovirus

n. a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

(1) **retrovirus** infection, (2) feline **retrovirus**

The patient's condition improved after beginning a **retrovirus-targeted** treatment regimen.

puzzled

adj. confused or uncertain because you do not understand something

synonym : confused, perplexed, bewildered

(1) **puzzled** expression, (2) **puzzled** by the question

She was **puzzled** by the strange behavior of her cat.

clinician

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

synonym : psychiatrist, therapist, doctor

(1) experienced **clinician**, (2) from a **clinician's** perspective

Some **clinicians** believe that psychological characteristics alone may cause mental disorders.

sub-Saharan

adj. of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

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**.

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.

endemic

adj. (of a disease or other problem) regularly found among particular people or in a certain area

synonym: prevalent, widespread, native

(1) **endemic** disease, (2) cholera- **endemic** area

Malaria is **endemic** in many tropical countries.

scientifically

adv. in a way that relates to science or is connected with science

(1) investigate **scientifically**, (2) **scientifically** explainable

The hypothesis is not yet **scientifically** proven.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

counterintuitive

adj. contrary to what common sense would suggest

synonym : unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

illiterate

adj. unable to read or write; lacking basic education and knowledge in reading and writing

synonym : unlettered, uneducated, unschooled

(1) **illiterate** population, (2) computer- **illiterate**

Despite attending school, he remained **illiterate** and unable to read or write.

regimen

n. a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health

synonym : routine, program, schedule

(1) fitness **regimen**, (2) **regimen** of chemotherapy

My doctor prescribed a strict **regimen** of exercise and healthy eating to help me lose weight.

primordial

adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

synonym : ancient, original, primary

(1) **primordial** forms of life, (2) **primordial** gas

The discovery of the **primordial** soup was a crucial step in understanding the origins of life on Earth.

inefficient

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

synonym : ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

nongovernmental

adj. not belonging to or controlled by a government

synonym : private, non-public, non-state

(1) **nongovernmental** aid worker, (2) **nongovernmental** agency

The **nongovernmental** organization works to promote human rights in developing countries.

situ

adj. short for "situated," meaning located or placed in a particular position or circumstance

synonym: situational, contextual, circumstantial

(1) ex- **situ** conservation, (2) in- **situ** control

Melanoma in **situ** is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

selfless

adj. concerned more with the needs and desires of others than with one's own; unselfish; altruistic

synonym: unselfish, altruistic, generous

(1) **selfless** act, (2) **selfless** devotion

Her **selfless** dedication to the community earned her a prestigious award.

humane

adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

synonym: compassionate, kind, merciful

(1) **humane** treatment, (2) **humane** society

We must ensure that all medical testing on animals is conducted in a **humane** way.

Session 2: Spelling

1. ill_____te population *adj.* unable to read or write; lacking basic education and knowledge in reading and writing
2. global pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
3. sci_____lly explainable *adv.* in a way that relates to science or is connected with science
4. non_____tal agency *adj.* not belonging to or controlled by a government
5. feline ret_____us *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
6. se_____ss act *adj.* concerned more with the needs and desires of others than with one's own; unselfish; altruistic
7. computer-ill_____te *adj.* unable to read or write; lacking basic education and knowledge in reading and writing
8. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
9. cou_____ive behavior *adj.* contrary to what common sense would suggest

ANSWERS: 1. illiterate, 2. pandemic, 3. scientifically, 4. nongovernmental, 5. retrovirus, 6. selfless, 7. illiterate, 8. determinant, 9. counterintuitive

10. pu____d expression *adj.* confused or uncertain because you do not understand something
11. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
12. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
13. sub_____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
14. ine_____nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
15. experienced cl_____an *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
16. pri_____al gas *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
17. ret_____us infection *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
18. non_____tal aid worker *adj.* not belonging to or controlled by a government
19. fitness re_____n *n.* a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health

ANSWERS: 10. puzzled, 11. infect, 12. numb, 13. sub-Saharan, 14. inefficient, 15. clinician, 16. primordial, 17. retrovirus, 18. nongovernmental, 19. regimen

20. pri_____al forms of life
adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
21. hu___e treatment
adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
22. n__b with cold
adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity
23. cholera-en_____c area
adj. (of a disease or other problem) regularly found among particular people or in a certain area
24. hu___e society
adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
25. ex-s__u conservation
adj. short for "situated," meaning located or placed in a particular position or circumstance
26. flu pa_____ic
n. an outbreak of a disease that affects many people over a very wide area
27. re_____n of chemotherapy
n. a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health
28. in___t other animal species
v. to affect a person, an animal, or a plant with a disease-causing organism
29. en_____c disease
adj. (of a disease or other problem) regularly found among particular people or in a certain area

ANSWERS: 20. primordial, 21. humane, 22. numb, 23. endemic, 24. humane, 25. situ, 26. pandemic, 27. regimen, 28. infect, 29. endemic

30. pu____d by the question *adj.* confused or uncertain because you do not understand something
31. se____ss devotion *adj.* concerned more with the needs and desires of others than with one's own; unselfish; altruistic
32. cou_____ive results *adj.* contrary to what common sense would suggest
33. from a cl_____an's perspective *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
34. ine_____nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
35. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
36. in-s__u control *adj.* short for "situated," meaning located or placed in a particular position or circumstance
37. investigate sci_____lly *adv.* in a way that relates to science or is connected with science
38. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert

ANSWERS: 30. puzzled, 31. selfless, 32. counterintuitive, 33. clinician, 34. inefficient, 35. determinant, 36. situ, 37. scientifically, 38. sub-Saharan

Session 3: Fill in the Blanks

1. The discovery of the _____ soup was a crucial step in understanding the origins of life on Earth.

adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

2. The patient's condition improved after beginning a _____ treatment regimen.

n. a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

3. We must ensure that all medical testing on animals is conducted in a _____ way.

adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

4. One _____ of success is having a positive attitude and a strong work ethic.

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

5. She was _____ by the strange behavior of her cat.

adj. confused or uncertain because you do not understand something

6. Malaria is _____ in many tropical countries.

adj. (of a disease or other problem) regularly found among particular people or in a certain area

ANSWERS: 1. primordial, 2. retrovirus-targeted, 3. humane, 4. determinant, 5. puzzled, 6. endemic

7. My left arm became _____.

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

8. Her _____ dedication to the community earned her a prestigious award.

adj. concerned more with the needs and desires of others than with one's own; unselfish; altruistic

9. They fear a _____ of a new type of virus.

n. an outbreak of a disease that affects many people over a very wide area

10. Despite attending school, he remained _____ and unable to read or write.

adj. unable to read or write; lacking basic education and knowledge in reading and writing

11. My doctor prescribed a strict _____ of exercise and healthy eating to help me lose weight.

n. a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health

12. The system is still so _____ that it is useless.

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

13. The _____ nature of quantum physics has been a source of confusion for scientists for decades.

adj. contrary to what common sense would suggest

14. The _____ organization works to promote human rights in developing countries.

adj. not belonging to or controlled by a government

ANSWERS: 7. numb, 8. selfless, 9. pandemic, 10. illiterate, 11. regimen, 12. inefficient, 13. counterintuitive, 14. nongovernmental

15. Children often _____ parents with this head cold.

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

16. The hypothesis is not yet _____ proven.

adv. in a way that relates to science or is connected with science

17. The coffee producers in _____ countries are at the sharp end of fluctuations in price.

adj. of or relating to or situated in the area south of the Sahara Desert

18. Melanoma in _____ is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.

adj. short for "situated," meaning located or placed in a particular position or circumstance

19. Some _____ believe that psychological characteristics alone may cause mental disorders.

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

ANSWERS: 15. infect, 16. scientifically, 17. sub-Saharan, 18. situ, 19. clinicians