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Hans Rosling: The best stats you've ever seen | TED Talk

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Advanced Words Only

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Session 1: Word List

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.

pretest

n. a test that is given before a larger study to identify problems or to gather the information that will be used to improve the study

synonym: trial, dry run, rehearsal

(1) the **pretest** probability of disease, (2) perform a **pretest**

The **pretest** score was used to identify areas where the students needed additional instruction.

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

preconceived

adj. (of an idea or opinion) formed beforehand, especially without evidence for its truth or usefulness

(1) a **preconceived** notion, (2) **preconceived** opinions
We should start a discussion from scratch with no **preconceived** ideas.

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.

industrialize

v. to organize the production of something into an industry
synonym: motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation
synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

imam

n. a religious leader of the Muslim community, especially the leader of a mosque and a community
synonym: leader, cleric, spiritual guide

(1) **imam** of mosque, (2) spiritual **imam**

In some Muslim countries, the **imam's** position is appointed by the government.

underestimate

v. to think or suppose that a quantity, price, or size is smaller than it is

synonym: underrate, misjudge, miscalculate

(1) **underestimate** an enemy, (2) **underestimate** the probability

They frequently **underestimated** their abilities and felt inferior.

hump

n. a rounded lump or bump, especially on an animal's back

synonym: bump, protuberance, knoll

(1) get the **hump**, (2) spinal **hump**

The camel's **hump** is where it stores fat to survive in the desert.

doubtful

adj. uncertain or unlikely to happen

synonym: uncertain, questionable, unsure

(1) a book of **doubtful** authorship, (2) **doubtful** whether

It is **doubtful** that we will be able to finish the project on time.

logarithmic

adj. of or relating to logarithms (= the exponent that shows how many times a number has to be multiplied by itself to produce a given number)

synonym: exponential, logarithmical

(1) a **logarithmic** table, (2) **logarithmic** function

The **logarithmic** scale of the graph made it easier to compare the different values.

percentile

n. a measure of position in a frequency distribution expressed as a percentage of the total

synonym: centile, proportion

(1) **percentile** rank, (2) **percentile** distribution

The student scored in the 90th **percentile** on the exam, which means they scored higher than 90% of the other students.

capita

n. a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

synonym: head, headcount, person

(1) per **capita** sales, (2) the agricultural yield per **capita**
GDP per **capita** shrunk by almost 10 percent for the third

consecutive year.

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.

quintile

n. any of the five equal groups into which a population can be divided according to the distribution of values of a particular variable

synonym: fifth, 20th percentile, quint

(1) **quintile** distribution, (2) fifth **quintile**

The country's top income earners earn much more than the bottom **quintile**.

famine

n. a severe shortage of food, often caused by drought, war, or economic reasons

synonym: hunger, starvation, drought

(1) **famine** relief, (2) coal **famine**

The severe **famine** caused by the drought has left many people without food.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

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.

nourishment

n. food or other substances necessary for growth and health

synonym: sustenance, nutrition, food

(1) take in **nourishment**, (2) source of **nourishment**

Proper **nourishment** is essential for a healthy body and mind.

liberate

v. to set free; to release or rescue from captivity or oppression

synonym: emancipate, release, set free

(1) **liberate** people from oppression, (2) **liberate** potential

The prisoners were **liberated** after the war ended.

anthropology

n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species

(1) social **anthropology**, (2) **anthropology** of religion

The areas of **anthropology** and psychology are significantly related to one another.

animate

v. to make something full of interest and energy

synonym: invigorate, energize, enliven

(1) **animate** the body, (2) **animate** his soul

The positive attitude of the supervisor **animated** the discussion.

overlook

v. to fail to notice something; to watch over someone; to provide a view from above

synonym: disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

statistician

n. a person who studies or is an expert in statistics

synonym: actuary

(1) professional **statisticians**, (2) environmental **statistician**

The firm employs several **statisticians** to develop a recommendation engine.

Session 2: Spelling

1. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
2. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
3. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
4. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
5. do_____ul whether *adj.* uncertain or unlikely to happen
6. fifth qu_____le *n.* any of the five equal groups into which a population can be divided according to the distribution of values of a particular variable
7. the pr_____t probability of disease *n.* a test that is given before a larger study to identify problems or to gather the information that will be used to improve the study
8. perform a pr_____t *n.* a test that is given before a larger study to identify problems or to gather the information that will be used to improve the study
9. a pre_____ved notion *adj.* (of an idea or opinion) formed beforehand, especially without evidence for its truth or usefulness

ANSWERS: 1. medicinal, 2. sub-Saharan, 3. sect, 4. opportune, 5. doubtful, 6. quintile, 7. pretest, 8. pretest, 9. preconceived

10. an____e the body *v.* to make something full of interest and energy
11. pre_____ved opinions *adj.* (of an idea or opinion) formed beforehand, especially without evidence for its truth or usefulness
12. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
13. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
14. professional sta_____ians *n.* a person who studies or is an expert in statistics
15. spiritual i__m *n.* a religious leader of the Muslim community, especially the leader of a mosque and a community
16. get the h__p *n.* a rounded lump or bump, especially on an animal's back
17. log_____ic function *adj.* of or relating to logarithms (= the exponent that shows how many times a number has to be multiplied by itself to produce a given number)
18. source of nou_____nt *n.* food or other substances necessary for growth and health
19. traditional me_____al *adj.* of or relating to the treatment or cure of disease
20. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur

ANSWERS: 10. animate, 11. preconceived, 12. improvisation, 13. sect, 14. statistician, 15. imam, 16. hump, 17. logarithmic, 18. nourishment, 19. medicinal, 20. chimpanzee

21. non_____tal aid worker *adj.* not belonging to or controlled by a government
22. ant_____ogy of religion *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
23. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
24. a book of do_____ul authorship *adj.* uncertain or unlikely to happen
25. environmental sta_____ian *n.* a person who studies or is an expert in statistics
26. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
27. social ant_____ogy *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
28. ind_____ized textile production *v.* to organize the production of something into an industry
29. non_____tal agency *adj.* not belonging to or controlled by a government
30. take in nou_____nt *n.* food or other substances necessary for growth and health
31. per_____le rank *n.* a measure of position in a frequency distribution expressed as a percentage of the total

ANSWERS: 21. nongovernmental, 22. anthropology, 23. chimpanzee, 24. doubtful, 25. statistician, 26. opportune, 27. anthropology, 28. industrialize, 29. nongovernmental, 30. nourishment, 31. percentile

32. the agricultural yield per ca___a *n.* a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
33. qu_____le distribution *n.* any of the five equal groups into which a population can be divided according to the distribution of values of a particular variable
34. und_____ate the probability *v.* to think or suppose that a quantity, price, or size is smaller than it is
35. ind_____ize service *v.* to organize the production of something into an industry
36. und_____ate an enemy *v.* to think or suppose that a quantity, price, or size is smaller than it is
37. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
38. per ca___a sales *n.* a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
39. a log_____ic table *adj.* of or relating to logarithms (= the exponent that shows how many times a number has to be multiplied by itself to produce a given number)
40. ov_____ok a street *v.* to fail to notice something; to watch over someone; to provide a view from above
41. fa___e relief *n.* a severe shortage of food, often caused by drought, war, or economic reasons

ANSWERS: 32. capita, 33. quintile, 34. underestimate, 35. industrialize, 36. underestimate, 37. improvisation, 38. capita, 39. logarithmic, 40. overlook, 41. famine

42. i__m of mosque *n.* a religious leader of the Muslim community, especially the leader of a mosque and a community
43. li_____te potential *v.* to set free; to release or rescue from captivity or oppression
44. sub_____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
45. coal fa___e *n.* a severe shortage of food, often caused by drought, war, or economic reasons
46. an_____e his soul *v.* to make something full of interest and energy
47. ov_____ok that fact *v.* to fail to notice something; to watch over someone; to provide a view from above
48. spinal h__p *n.* a rounded lump or bump, especially on an animal's back
49. per_____le distribution *n.* a measure of position in a frequency distribution expressed as a percentage of the total
50. li_____te people from oppression *v.* to set free; to release or rescue from captivity or oppression

ANSWERS: 42. imam, 43. liberate, 44. sub-Saharan, 45. famine, 46. animate, 47. overlook, 48. hump, 49. percentile, 50. liberate

Session 3: Fill in the Blanks

1. The nations of South East Asia will quickly _____ and catch up with the West.
 - v. to organize the production of something into an industry

2. In some Muslim countries, the _____ position is appointed by the government.
 - n. a religious leader of the Muslim community, especially the leader of a mosque and a community

3. The positive attitude of the supervisor _____ the discussion.
 - v. to make something full of interest and energy

4. The country's top income earners earn much more than the bottom _____.
 - n. any of the five equal groups into which a population can be divided according to the distribution of values of a particular variable

5. Proper _____ is essential for a healthy body and mind.
 - n. food or other substances necessary for growth and health

6. The _____ score was used to identify areas where the students needed additional instruction.
 - n. a test that is given before a larger study to identify problems or to gather the information that will be used to improve the study

7. We should start a discussion from scratch with no _____ ideas.
 - adj. (of an idea or opinion) formed beforehand, especially without evidence for its truth or usefulness

ANSWERS: 1. industrialize, 2. imam's, 3. animated, 4. quintile, 5. nourishment, 6. pretest, 7. preconceived

8. The minority _____ believed in a set of unconventional religious practices.
n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
9. It is _____ that we will be able to finish the project on time.
adj. uncertain or unlikely to happen
10. The _____ organization works to promote human rights in developing countries.
adj. not belonging to or controlled by a government
11. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.
n. a small, very intelligent ape found in west and central Africa with black or brown fur
12. The camel's _____ is where it stores fat to survive in the desert.
n. a rounded lump or bump, especially on an animal's back
13. The firm employs several _____ to develop a recommendation engine.
n. a person who studies or is an expert in statistics
14. The areas of _____ and psychology are significantly related to one another.
n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
15. GDP per _____ shrunk by almost 10 percent for the third consecutive year.
n. a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

ANSWERS: 8. sect, 9. doubtful, 10. nongovernmental, 11. chimpanzee, 12. hump, 13. statisticians, 14. anthropology, 15. capita

16. 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

17. The prisoners were _____ after the war ended.

v. to set free; to release or rescue from captivity or oppression

18. They frequently _____ their abilities and felt inferior.

v. to think or suppose that a quantity, price, or size is smaller than it is

19. He created a beautiful piece of music using only _____.

n. the act of making something up on the spot or creating or performing something without preparation

20. We cannot _____ an opportunity for great success.

v. to fail to notice something; to watch over someone; to provide a view from above

21. The severe _____ caused by the drought has left many people without food.

n. a severe shortage of food, often caused by drought, war, or economic reasons

22. The phone rang at the most _____ time.

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

23. The _____ scale of the graph made it easier to compare the different values.

adj. of or relating to logarithms (= the exponent that shows how many times a number has to be multiplied by itself to produce a given number)

ANSWERS: 16. sub-Saharan, 17. liberated, 18. underestimated, 19. improvisation, 20. overlook, 21. famine, 22. opportune, 23. logarithmic

24. The _____ properties of this herb have been known to help with various ailments.

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

25. The student scored in the 90th _____ on the exam, which means they scored higher than 90% of the other students.

n. a measure of position in a frequency distribution expressed as a percentage of the total

ANSWERS: 24. medicinal, 25. percentile