

*Test Bank for Essential Psychology 4th
Edition by Banyard*

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Testbank

Chapter 1: Once upon a time ... The evolution of human behaviour

1. What term describes the idea that humans consider themselves to have a superior and fundamental place in the universe?
- a. anthropocentrism
 - b. egocentrism
 - c. ethnocentrism
 - d. narcissism

Ans: A

2. What sort of data describes meaning and experience?
- a. idiographic
 - b. quantitative
 - c. nomothetic
 - d. qualitative

Ans: D

3. What sort of data describes numerical data?
- a. idiographic
 - b. quantitative
 - c. nomothetic
 - d. qualitative

Ans: B

4. The concept of survival of the fittest refers to
- a. the individuals who have characteristics that fit in best to the environment
 - b. the individuals who are the strongest and most likely to survive
 - c. the individuals who have characteristics that make them more attractive and hence more likely to get a mate
 - d. the individuals who work out the most

Ans: A

5. Gorillas have relatively small testicles compared to those of chimpanzees because
- a. they have a different diet
 - b. they have a lower level of sexual activity
 - c. the females exclusively mate with one gorilla
 - d. they live in large communities

Ans: C

6. The evolution of hominids is generally believed to have begun around how many years ago?
- a. 50,000
 - b. 250,000
 - c. 2.5 million
 - d. 50 million

Ans: C

7. What are proximate explanations?
- a. explanations of why a particular behaviour or trait can improve inclusive fitness and why a particular behaviour can be favoured in evolutionary terms

- b. explanations that describe the mechanisms involved in terms of how they contribute towards a specific behaviour that may benefit an individual and aid survival
- c. explanations of social reasoning as an aid towards cooperation and deception in order to maximize inclusive fitness
- d. explanations that show how closely different human functions are related

Ans: B

8. Altruism can be defined as

- a. an act that benefits the recipient at a cost to the donor
- b. working together for a common goal
- c. buying patronizing Band Aid records at Christmas
- d. ensuring that all individuals have equal access to resources

Ans: A

9. How many of your first cousins (your uncle's and auntie's children) would need to survive to maintain the genetic presence in the world as you?

- a. 64
- b. 32
- c. 16
- d. 8

Ans: D

10. Many primates engage in social grooming, which is a very time-consuming activity. The main function of this is

- a. to reinforce social bonds
- b. to ensure the good health of all members of the group
- c. to stimulate sexual activity

d. to remove parasites from other individuals

Ans: A

11. In order for natural selection to occur, what must there be amongst individuals of each generation?

- a. variation
- b. homogeneity
- c. harmony
- d. unlimited access to resources

Ans: A

12. Being able to adapt to changes in the environment is referred to as what?

- a. natural selection
- b. evolution
- c. versatility
- d. survival of the fittest

Ans: D

13. Mendel's work on the transmission of the physical characteristics of his pea plants across generations led him to formulate which law?

- a. The Law of Genetic Transmission
- b. The Law of Inheritance
- c. The Law of Genetic Recombination
- d. The Law of Polygenetics

Ans: B

14. Mendel's work demonstrated the transfer of what molecule across generations?

- a. genes
- b. mitochondria
- c. blood type
- d. ribonucleic acid

Ans: A

15. What is the term for the expressed characteristic of a gene?

- a. phenotype
- b. phenomenon
- c. phoneme
- d. photon

Ans: A

16. What is the term for a person's genetic profile?

- a. genus
- b. genitive
- c. genotype
- d. genesis

Ans: C

17. Anthropomorphism is

- a. the observation of human-like characteristics in animals
- b. the observation of animal-like characteristics in humans
- c. the attribution of human characteristics to inanimate objects, animals, forces of nature and others
- d. the belief in some people that they can communicate with animals

Ans: C

18. A class of species that share certain attributes is known as a

- a. genus
- b. phylogenetic
- c. breed
- d. category

Ans: A

19. A group that exists within a genus is referred to as what?

- a. breed
- b. species
- c. class
- d. subgroup

Ans: B

20. The growth of which particular brain region has been found to be associated with the evolution of humans from their primitive ancestors?

- a. brain stem
- b. hypothalamus
- c. pituitary gland
- d. neocortex

Ans: D

21. Which of these is NOT an early hominid species?

- a. Homo neanderthalensis
- b. Homo erectus
- c. Homo habilis

d. Homo cro magnus

Ans: D

22. In psychology, consciousness may be defined as

- a. the awareness of self and others
- b. being awake and alert
- c. being meticulous
- d. the capacity for mental ability

Ans: A

23. The term meme refers to

- a. sounds that have meanings
- b. the smallest unit of sound that can be understood to be part of a language
- c. an idea than can be described and transmitted to another individual
- d. units of thought or culture that are then replicated in the brain

Ans: D

24. What does Dunbar's number refer to?

- a. the ratio between brain size and intelligence
- b. the average group size in a species as predicted by the size of the neocortex
- c. the number of friends that the average human being has
- d. the number of hours spent grooming by a species

Ans: B

25. In evolutionary terms, what do we mean by 'culture'?

- a. information that is acquired from other individuals via social transmission mechanisms
such as imitation, teaching or language

- b. the development of community practices around agriculture
- c. the development of social mating patterns that lead to larger groups of individuals
- d. the development of non-survival-based artefacts, such as paintings, songs and burial grounds

Ans: A

26. When calculated for human beings, Dunbar's number is estimated to be

- a. 150
- b. 250
- c. 1,000
- d. 5,000

Ans: A

27. The use of websites such as Facebook and Twitter constitutes examples of what form of social bonding?

- a. social networking
- b. social grooming
- c. social relations
- d. social communication

Ans: B

28. What did Mendel use to demonstrate genetic transmission?

- a. daisies
- b. carrots
- c. peas
- d. geranium

Ans: C

29. How many genes is a *Homo sapiens* thought to inherit?

- a. 5,000 to 10,000
- b. 10,000 to 15,000
- c. 15,000 to 20,000
- d. 20,000 to 25,000

Ans: D

30. What does the term epigenetics refer to?

- a. the study of how our phenotype is likely to develop in the future
- b. the study of how our genotype is likely to develop in the future
- c. the study of heritable changes in the genotype that occur without changes to the phenotype
- d. the study of heritable changes in the phenotype that occur without changes to the genotype

Ans: D

Essential Psychology (4th)

ISBN 9781529666564 | Chapter 1

Total Questions: 30

Multiple Choice (30)

Q1. [Multiple Choice]

What term describes the idea that humans consider themselves to have a superior and fundamental place in the universe?

- a) **anthropocentrism ✓ correct**
- b) egocentrism
- c) ethnocentrism
- d) narcissism

Q2. [Multiple Choice]

What sort of data describes meaning and experience?

- a) idiographic
- b) quantitative
- c) nomothetic
- d) **qualitative ✓ correct**

Q3. [Multiple Choice]

What sort of data describes numerical data?

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Q4. [Multiple Choice]

The concept of survival of the fittest refers to

- a) **the individuals who have characteristics that fit in best to the environment ✓ correct**
- b) the individuals who are the strongest and most likely to survive
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Q5. [Multiple Choice]

Gorillas have relatively small testicles compared to those of chimpanzees because

- a) they have a different diet
- b) they have a lower level of sexual activity
- c) **the females exclusively mate with one gorilla ✓ correct**
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Q6. [Multiple Choice]

The evolution of hominids is generally believed to have begun around how many years ago?

- a) 50,000
- b) 250,000
- c) **2.5 million ✓ correct**
- d) 50 million

Q7. [Multiple Choice]

What are proximate explanations?

- a) explanations of why a particular behaviour or trait can improve inclusive fitness and why a particular behaviour can be favoured in evolutionary terms
- b) explanations that describe the mechanisms involved in terms of how they contribute towards a specific behaviour that may benefit an individual and aid survival ✓ correct**
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- a) an act that benefits the recipient at a cost to the donor ✓ correct**
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- a) 64
- b) 32
- c) 16
- d) 8 ✓ correct**

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Mendel's work demonstrated the transfer of what molecule across generations?

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- b) Homo erectus
- c) Homo habilis
- d) **Homo cro magnus ✓ correct**

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