

Advanced Psychology Quantitative History

Advanced Psychology · Answer Key · 25 Questions

1. In what year did Hermann Ebbinghaus publish 'Memory: A Contribution to Experimental Psychology,' introducing the 'forgetting curve'?

- A) 1879
- B) 1885**
- C) 1890
- D) 1895

2. What is the standard p-value threshold typically required to reject the null hypothesis in traditional frequentist psychology research?

- A) 0.01
- B) 0.05**
- C) 0.10
- D) 0.001

3. In which year did the American Psychological Association (APA) officially remove homosexuality from the Diagnostic and Statistical Manual of Mental Disorders (DSM)?

- A) 1973**
- B) 1975
- C) 1980
- D) 1987

4. How many primary 'Big Five' personality traits were codified by McCrae and Costa in their 1992 Revised NEO Personality Inventory?

- A) 3
- B) 4
- C) 5**
- D) 7

5. In the 1961 Bobo doll experiment conducted by Albert Bandura, how many children were initially observed in the experimental groups?

- A) 36
- B) 54
- C) 66
- D) 72**

6. Who was the first person to establish a psychology laboratory at the University of Leipzig in 1879?

- A) William James
- B) Wilhelm Wundt**
- C) Sigmund Freud
- D) John Watson

7. According to Miller's Law (1956), what is the approximate capacity of human short-term memory measured in 'chunks'?

- A) 5 ± 2
- B) 7 ± 2**
- C) 9 ± 2
- D) 10 ± 2

8. In 1920, which famous study involving 'Little Albert' was conducted to demonstrate classical conditioning of fear?

- A) John B. Watson and Rosalie Rayner**
- B) B.F. Skinner and Ivan Pavlov
- C) Edward Thorndike and Mary Cover Jones
- D) Gordon Allport and Kurt Lewin

9. The Stanford Prison Experiment, conducted by Philip Zimbardo, was originally scheduled to last for how many days?

- A) 7
- B) 10
- C) 14**
- D) 30

10. What is the minimum number of core criteria required for a diagnosis of Major Depressive Disorder under the DSM-5?

- A) 3
- B) 5**
- C) 7
- D) 9

11. Which researcher introduced the 'Strange Situation' procedure for measuring attachment styles in 1970?

- A) John Bowlby
- B) Harry Harlow
- C) Mary Ainsworth**
- D) Diana Baumrind

12. The Yerkes-Dodson law (1908) describes the inverted U-shaped relationship between what two variables?

A) Age and Memory

B) Arousal and Performance

C) Intelligence and Success

D) Stress and Health

13. How many stages of psychosocial development were proposed by Erik Erikson in his 1950 work 'Childhood and Society'?

A) 6

B) 7

C) 8

D) 9

14. In 1957, Leon Festinger published his theory on what psychological phenomenon involving conflicting cognitions?

A) Social Facilitation

B) Cognitive Dissonance

C) Attribution Bias

D) Self-Efficacy

15. The Wechsler Adult Intelligence Scale (WAIS) was first published in what year?

A) 1939

B) 1945

C) 1955

D) 1965

16. In the 1930s, who developed the 'Social Distance Scale' to measure prejudice?

A) Gordon Allport

B) Emory Bogardus

C) Muzafer Sherif

D) Stanley Milgram

17. How many milliseconds is the average duration of a 'saccade' in human eye movement during reading?

A) 10-20ms

B) 20-50ms

C) 100-200ms

D) 300-500ms

18. The Minnesota Multiphasic Personality Inventory (MMPI) was first published by Hathaway and McKinley in what year?

A) 1938

B) 1943

C) 1950

D) 1956

19. What is the correlation coefficient value that represents a perfect negative linear relationship?

A) -1.0

B) 0.0

C) +0.5

D) +1.0

20. In the 1963 Milgram experiment on obedience, what was the maximum voltage level labeled on the shock generator?

A) 300V

B) 400V

C) 450V

D) 500V

21. Who published 'The Principles of Psychology' in 1890, often considered the first major textbook in the field?

A) William James

B) John Dewey

C) G. Stanley Hall

D) Edward Titchener

22. The term 'g-factor' for general intelligence was first proposed by Charles Spearman in what year?

A) 1901

B) 1904

C) 1912

D) 1920

23. How many items were included in the original 1905 Binet-Simon Intelligence Scale?

A) 20

B) 30

C) 40

D) 50

24. In the context of sleep research, what is the typical duration of a complete NREM-REM sleep cycle in healthy adults?

- A) 45 minutes
- B) 90 minutes**
- C) 120 minutes
- D) 150 minutes

25. Who is credited with the 1948 discovery of the 'Skinner Box' for operant conditioning?

- A) B.F. Skinner**
- B) Ivan Pavlov
- C) Edward Thorndike
- D) Clark Hull