

CHAPTER-1 | Variations in Psychological Attributes

QUIZ
PART-03

1. Who proposed the IQ formula in 1912?

- A. Alfred Binet
- B. Charles Spearman
- C. William Stern
- D. Lewis Terman (C)

Explanation : The IQ concept and formula were proposed by William Stern in 1912.

2. Which formula correctly represents IQ?

- A. $IQ = (CA / MA) \times 100$
- B. $IQ = MA + CA$
- C. $IQ = (MA / CA) \times 100$
- D. $IQ = (MA - CA) \times 100$ (C)

Explanation: IQ is computed as mental age divided by chronological age, multiplied by 100.

3. If $MA > CA$, what does this imply about IQ?

- A. Low IQ
- B. High IQ
- C. Average IQ
- D. No relation to IQ (B)

Explanation: A mental age greater than chronological age indicates a high IQ.

4. The frequency distribution for IQ scores typically forms a ____ curve.

- A. U-shaped
- B. Bell-shaped
- C. Mixed
- D. Flat (B)

Explanation : IQ scores are distributed in a normal (bell-shaped) curve.

5. Which statement best summarizes the role of nature and nurture in intelligence?

- A. Intelligence is determined only by heredity
- B. Intelligence is determined only by environment
- C. Intelligence is shaped by both genetics and environment
- D. Intelligence is unrelated to either heredity or environment (C)

Explanation: Both genetic factors and environmental inputs jointly shape intelligence.

6. Children from poor backgrounds show IQ gains when adopted into ____ families.

- A. Low-SES
- B. High-SES
- C. Large
- D. Rural (B)

Explanation: Adoption into high-SES families is associated with measurable IQ gains.

7. Which feature is part of the definition of intellectual deficiency?

- A. Appears only in adulthood
- B. Above-average intellectual functioning
- C. Deficits in adaptive behavior during the developmental period
- D. Limited to motor coordination problems (C)

Explanation: Intellectual deficiency involves below-average intellectual functioning and adaptive deficits emerging in the developmental period.

8. An IQ range of 55–69 corresponds to which level of intellectual deficiency?

- A. Moderate
- B. Severe
- C. Mild
- D. Profound (C)

Explanation: The "Mild" category is defined by an IQ approximately between 55 and 69.

9. An IQ below 25 corresponds to which category?

- A. Severe
- B. Mild
- C. Moderate
- D. Profound (D)

Explanation: "Profound" intellectual deficiency is identified at IQ levels below about 25.

10. Who conducted a detailed study of 1,500 children with $IQ > 130$ and highlighted features of giftedness?

- A. Alfred Binet
- B. Lewis Terman
- C. Charles Spearman
- D. J. P. Guilford (B)

Explanation : Lewis Terman's 1925 work examined intellectually gifted children and described their characteristics.