

Historical Milestones in Phonetics

Phonetics · Answer Key · 8 Questions

1. In what year was the International Phonetic Alphabet (IPA) officially established by the International Phonetic Association?

- A) 1886
- B) 1888**
- C) 1892
- D) 1900

2. Which scholar published 'The Principles of the International Phonetic Association' in 1912, providing the definitive early framework for the IPA?

- A) Daniel Jones**
- B) Henry Sweet
- C) Paul Passy
- D) Otto Jespersen

3. How many vowel quadrilateral positions are explicitly defined in the standard cardinal vowel system established by Daniel Jones?

- A) 6
- B) 8**
- C) 10
- D) 12

4. In which decade did the Royal Swedish Academy of Sciences first use the term 'phonetics' in its modern scientific sense within the proceedings of the early phonetic laboratories?

- A) 1850s
- B) 1860s
- C) 1870s**
- D) 1880s

5. The 'visible speech' system, a phonetic notation based on the physiology of the vocal tract, was invented by Alexander Melville Bell in which year?

- A) 1862
- B) 1867**
- C) 1871
- D) 1875

6. What is the exact frequency range (in Hertz) typically cited as the primary 'formant 1' (F1) range for the high front vowel /i/ in adult male speakers?

A) 100-200 Hz

B) 250-350 Hz

C) 400-500 Hz

D) 600-700 Hz

7. The first phonograph, which revolutionized the study of experimental phonetics, was patented by Thomas Edison in which year?

A) 1874

B) 1877

C) 1880

D) 1883

8. The 'Acoustic Theory of Speech Production,' which mathematically links vocal tract shape to formant frequencies, was published by Gunnar Fant in what year?

A) 1950

B) 1960

C) 1970

D) 1980