



Name

Class

Date

Rosalind Franklin Quiz - v2

Total questions: 9

Worksheets time: 5mins

Instructor name: Mrs. Iro Koliakou

1. Which one scientific method used or Rosalind Franklin for her analysis molecular structures?

- a) Techniques spectroscopy
- b) Methods chromatography
- c) X-ray crystallography with rays x
- d) Electronics microscopy

2. Beyond from her work her with the dna, whom another domain of study followed or Rosalind Franklin;

- a) Structures viruses, in particular of virus of tobacco (TMV)
- b) Cellular division and mechanisms of mitosis
- c) Microbiology and resistance at antibiotics
- d) Quantum physics and engineering particles

3. What prevented her immediate recognition of important ones contributions her Rosalind Franklin in DNA research?

- a) Lack access in advanced laboratory equipment
- b) Sex and professional challenges faced by women scientists at the time
- c) Home failure from her her research group
- d) OR premature loss her the 1958

4. Which one it was or decisive contribution her Rosalind Franklin in understanding of DNA?

- a) Proposal of conceptual genetic mutation elements within of strands of DNA
- b) Development of first model which depicts her reproduction of DNA
- c) Exploring the role of DNA in synthesis proteins via laboratory experiments
- d) Discovery her double carbon fiber structure of DNA via diffusion rays X



5. How will you characterized better her approach her Rosalind Franklin in scientific research?
- a) Innovative and problematic
 - b) Empathy and emotionally incentives
 - c) Exact and detailed
 - d) Collaborative and social
6. How continued or inheritance her Rosalind Franklin after him unhappy death her?
- a) Through the many scientific publications her and of of her innovative discoveries
 - b) Via her guidance and mentoring the next generation of scientists
 - c) Via once series autobiographical publications
 - d) With the creation one dedicated laboratory in research of DNA
7. Which one it was or importance her work her Rosalind Franklin in research of DNA?
- a) He invented a news method for the series of DNA
 - b) Find out the structure of DNA by X-ray scattering
 - c) He proposed a theory for the roll of DNA in cellular respiration
 - d) Make it happen experiments in DNA replication
8. How they affected the contributions her Rosalind Franklin him domain her genetics?
- a) Find out a new type genetic mutation
 - b) It developed a news technique for the genetic editing
 - c) Set them fundamentals for her understanding of DNA structure and function
 - d) Recognized the genetic code for a rare disease
9. Which ones challenges faced or Rosalind Franklin as woman scientist at 1950s ?
- a) Not her allowed to conducts laboratory experiments
 - b) Her was banned or access in scientific journals
 - c) Cope with it sex and professional obstacles
 - d) Blocked from scientific conferences

