A Russian Nobel Prize Winner from Belarus with a French Name

1. Why was Zhores Alferov given a French name?
A) His parents loved French culture
B) He was named after a French socialist leader
C) He was born in France
D) His parents originated in France

2. What happened to Zhores Alferov's brother?
A) He disappeared during World War II at the age of 20
B) He died in a scientific accident
C) He was killed in World War II
D) He won a Nobel Prize together with Zhores

3. What major technological advancements were made possible by Alferov's discoveries?
A) Nuclear reactors and solar panels
B) LED screens, optical disks, and fiber-optic communication
C) Quantum computing and AI
D) Space exploration and satellite technology

4. What was the key difference between Alferov's semiconductor discovery and previous technology?
A) He invented a new type of silicon chip
B) He used a layered structure of different materials instead of a single material
C) He replaced heterostructure semiconductors with homostructure semiconductors
D) He designed a wireless semiconductor

5. How did Alferov's colleagues react to his breakthrough?
A) They were skeptical and rejected his findings
B) They celebrated his work in physics
C) They had already discovered the same thing
D) They dismissed it as impractical

6. What was Alferov's view on science and its impact on humanity?
A) He believed science should only be used for economic progress
B) He thought knowledge must be controlled by governments
C) He stated that science had brought both benefits and disasters to humanity
D) He believed science had no real impact on people's lives

7. How did Alferov feel about his life and career?
A) He regretted becoming a scientist
B) He felt indifferent about his achievements
C) He was happy with his research and results
D) He wished he had chosen a different field