

## Quiz – All Nobel Prizes 2021

1.

Which one of the prize categories – physics, chemistry, medicine, literature, peace and economic sciences – were not originally listed in Alfred Nobel's will?

- A. Literature
- B. Peace
- C. Economic sciences

2.

2021 Nobel Prize laureate in physics Syukuro Manabe has developed models that demonstrate that increased levels of a certain substance in the atmosphere lead to higher temperatures on the earth's surface. Which substance?

- A. Sulphur dioxide
- B. Carbon dioxide
- C. Carbon monoxide

3.

2021 physics laureate Klaus Hasselmann has demonstrated how climate can be predicted even though the weather is difficult to predict. His methods have been used to demonstrate that climate change is being caused by which of the following?

- A. The weather
- B. Humanity
- C. Complex systems

4.

The 2021 Nobel Prize in Chemistry is awarded to two researchers for the development of a new tool to the chemist's toolbox – organocatalysis. What is the tool used for?

- A. Building molecules
- B. Building microscopes
- C. Building metals

5.

One way of accelerating chemical reactions is to use a catalyst. A catalyst is a substance that accelerates a reaction without itself being affected by the reaction. What sort of new catalyst is the 2021 Nobel Prize in Chemistry about?

- A. Small organic molecules
- B. Enzymes
- C. Metals

6.

The 2021 medicine laureates have explained how our bodies translate sensory impressions into nerve signals that allow us to interpret and perceive the surrounding world. Their research has looked at how we sense:

- A. Temperature and pressure
- B. Light and sound
- C. Smell

7.

The discoveries by the 2021 medicine laureates can be used in further research to develop new treatments for various disease conditions. For example what condition?

- A. Diabetes
- B. Chronic pain
- C. Haemophilia

8.

The 2021 literature laureate Abdulrazak Gurnah writes his in English but what is his mother tongue?

- A. Arabic
- B. English
- C. Swahili

9.

Which one of the basic human rights is the 2021 Nobel Peace Prize about?

- A. The right to education
- B. The right to asylum
- C. The right to freedom of speech

10.

The awarded research by the 2021 economic sciences laureates have provided us with new insights about the labour market and shown what conclusions about cause and effect can be drawn from experiments. What kind of experiments?

- A. Natural experiments
- B. Randomised experiments
- C. Psychological experiments