THE WONDERFUL WORLD OF SCIENCE

Multiple Choice Questions

1. What motivates humans to explore, ask questions, and conduct experiments?

a) The need for relaxation and leisure activities

(b) A focus on maintaining familiar habits

C)To avoid new experiences

d) Curiosity and the desire to understand the world

2. What happens to water when it is cooled and heated respectively?

(A) It turns into a gas when cooled and a solid when heated

(b) It turns into ice when cooled and steam when heated

(c) It turns into a liquid when cooled and a solid when heated

(d) It remains unchanged when cooled or heated

3. How do people understand the difference between hot and cold water?

(a) By measuring the water's colour

(b) By using their sense of touch

(c) By observing the water's movement

(d) By the sound the water makes

4. Which of the following best describes the scientific method?

(a) A process of memorising information about different topic

(b) A step-by-step process for investigating questions, including observing, hypothesising, experimenting. analysing, and concluding

(c) A method of guessing answers without testing them

(d) A way to only analyse existing data without conducting new experiments

Answers

1. (d)

2. (b)

4. (b)

3. (b)

Very Short Answer Type Questions

1. What do organisms need to support their growth?

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2. What term is used for people who follow the scient method to solve problems and make discoveries?

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Short Answer Type Questions

1. What is meant by the term scientific method?

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2. Why do scientists often work in teams?

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Very Short Answer Type Questions

1.Ans. Organisms need food and water to support their grow

2.Ans. Scientist

Short Answer Type Questions

1Ans. The scientific method is a step-by-step process used investigate and answer questions about the world. It involves making observations, asking questions, form a hypothesis, conducting experiments, analysing res and drawing conclusions.

2Ans. Scientists work in teams to combine diverse ideas an skills, making discoveries more exciting and effective Teamwork allows them to tackle complex problems more efficiently and achieve impactful results.