EXAM PAPER

Science Grade 6 — Practice Exam 1

PREVIEW
This file has the first 13 of the 26 questions in this paper. The rest is locked: it comes with a PrepNest plan, or with the paper itself for VCE.

Total time: 40 minutes

SECTIONS IN THIS PAPER

- Science — 40 min

INSTRUCTIONS

Answer every question you can. Write your working in the space provided for long-answer questions. Marking guidance and full explanations are provided in the separate answer key.

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GRADE 6 SCIENCE

Science

40 minutes

1. Which organ pumps blood around the human body?

A. Lungs

B. Liver

C. Heart

D. Stomach

2. Which of these is a force that slows down moving objects?

A. Gravity

B. Magnetism

C. Friction

D. Light

3. What is the main cause of the seasons on Earth?

A. Distance from the Sun changing a lot

B. The Moon's gravity

C. The tilt of Earth's axis

D. Ocean currents

4. What is the basic unit of life that makes up all living things?

A. Organ

B. Atom

C. Cell

D. Tissue

5. Which human body system is mainly responsible for breaking down food?

A. Skeletal system

B. Digestive system

C. Respiratory system

D. Circulatory system

6. A feature that helps an organism survive in its environment is called an:

A. Adaptation

B. Extinction

C. Habitat

D. Ecosystem

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7. Which organ in the human body is mainly responsible for filtering waste from the blood?

A. Kidneys

B. Liver

C. Lungs

D. Stomach

8. What is a group of the same species living in the same area called?

A. A community

B. An ecosystem

C. A habitat

D. A population

9. Which of these is a form of energy stored due to an object's position, such as a ball held high?

A. Potential energy

B. Sound energy

C. Chemical energy

D. Kinetic energy

10. What is the energy of movement called?

A. Nuclear energy

B. Potential energy

C. Thermal energy

D. Kinetic energy

11. A higher-pitched sound generally has a:

A. Lower frequency

B. Higher frequency

C. Louder volume

D. Longer wavelength only

12. Which of these is an example of stored chemical energy?

A. A stretched rubber band

B. A battery

C. A moving car

D. Sunlight

13. What happens to the pitch of a sound as the frequency of vibration decreases?

A. The pitch gets higher

B. The pitch stays the same

C. The sound becomes silent

D. The pitch gets lower

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13 questions locked, up to question 26.

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PREVIEW

That’s the end of the preview

You’ve seen the first 13 of the 26 questions in Science Grade 6 — Practice Exam 1. The full paper is worth 26 marks.

STILL TO COME	QUESTIONS	MARKS
Science	13	13

The full paper comes with

- Every question, printed exactly like the ones in this preview
- The complete answer key, with the working behind every mark
- A topic report after marking, showing what to practice next

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