

**Student Name:** \_\_\_\_\_**Class:** \_\_\_\_\_**Student ID:** \_\_\_\_\_**Date:** {{DATE}}

## Assessment Details

<b>Duration:</b> 30 minutes	<b>Total Marks:</b> 50
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• Sound and Hearing</li><li>• Sound Waves</li><li>• Human Ear</li></ul>

## Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Write your answers in the spaces provided.
4. If you need more space, use the additional pages at the end.
5. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [10 marks]

**Question 1**

**[2 marks]**

What is sound?

A) A type of light

B) A type of energy

C) A type of matter

D) A type of living thing

**Question 2**

**[2 marks]**

How do sound waves travel?

A) Through the air

B) Through water

C) Through solids

D) Through a vacuum

**Question 3**

**[2 marks]**

What is the term for the highness or lowness of a sound?

A) Loudness

B) Pitch

C) Tone

D) Volume

**Question 4**

**[5 marks]**

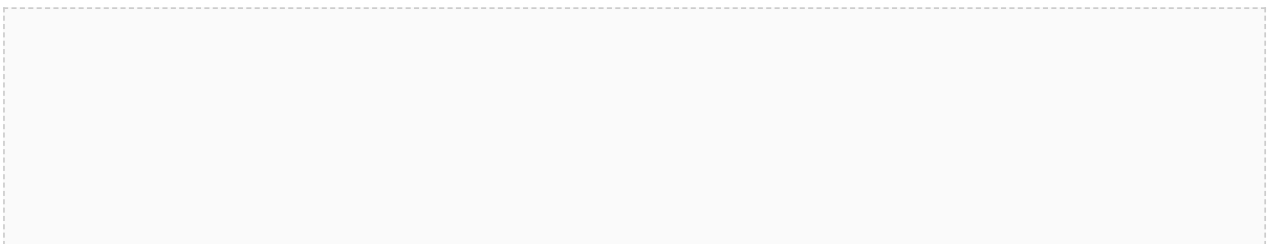
Describe how sound waves are produced.



**Question 5**

**[5 marks]**

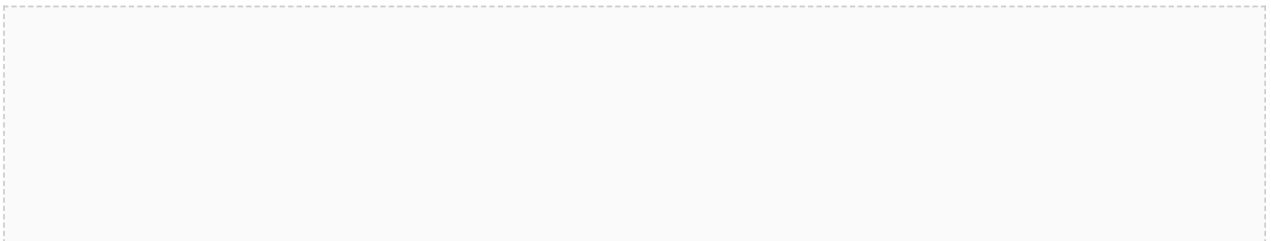
What is the difference between a loud sound and a quiet sound?



**Question 6**

**[5 marks]**


Give an example of a high-pitched sound and a low-pitched sound.



**Question 7**

**[5 marks]**

Label the different parts of the human ear on the diagram provided.

 Human Ear Diagram



**Question 8**

**[5 marks]**

Draw a diagram to show how sound waves travel from a source to the human ear.



**Question 9**

**[5 marks]**

Create a list of different types of sounds you hear in your daily life.



**Question 10**

**[5 marks]**

Draw a picture of a musical instrument and label its different parts.



## Marking Guide and Success Criteria

Multiple Choice Questions: 1 mark for each correct answer

Short Answer Questions: 2 marks for a complete and accurate answer

Diagram Labeling Tasks: 3 marks for a complete and accurate labeling of the human ear diagram, 3 marks for a clear and accurate diagram of sound wave travel

Success Criteria:

- Accuracy and completeness of answers
- Clarity and coherence of written responses
- Ability to identify and label different parts of the human ear
- Ability to draw a clear and accurate diagram of sound wave travel

### Feedback Opportunities:

- Immediate feedback on multiple choice questions and short answer questions
- Feedback on diagram labeling tasks will be provided after the assessment has been completed
- Opportunities for students to reflect on their own learning and identify areas for improvement

### Differentiation Options:

- For students with visual impairments, large print or braille versions of the assessment will be provided.
- For students with hearing impairments, the assessment will be administered in a quiet environment, and students will be allowed to use assistive listening devices.
- For students with learning difficulties, extra time will be provided to complete the assessment, and students will be allowed to use visual aids and graphic organizers.
- For English language learners, the assessment will be administered in a language that students are familiar with, and students will be allowed to use bilingual dictionaries and glossaries.

