

**PLE QUESTIONS ON SOUND FROM 1991 TO 2022**

PREPARED BY TEACHER DENIS 0775500892/0755500892/0713500892

PLE 1996

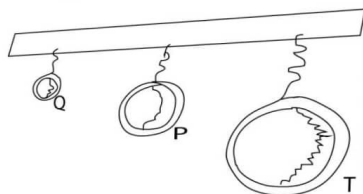
**Qn 27**

What part of ear is likely to be damaged if you clean your ear with a Sharp object?

**PLE 1998**

**Qn 54**

The diagram below shows three metallic rings **Q, P, T**. Use it to answer questions that follows

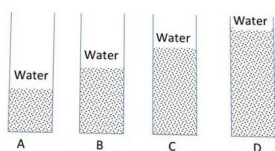


- a) Which ring will produce
  - i) sound of a low pitch
  - ii) sound of a high pitch
- b) Name any two devices that can be used to store sound

**PLE 1999**

**Qn 41**

Below are tubes filled with water. Study them and use them to answer the following questions



If each tube is blown separately, which one will produce

- i) highest sound
- ii) lowest sound
- b) What happens to the sound produced by A if water increased to the level of the tube D
- c) What happens to the sound produced by each of the tubes if water was replaced with milk?

**PLE 2001 QN 5, 51**

**Qn 5**

How can you assist a person who has foreign body in the ear?

**Qn 51**

- a) What enables a drum to produce sound when hit with stick?
- b) Give a clear example that shows that light travels faster than sound.

**PLE 2003**

**Qn**

Suzan shouted loudly in a big house, as she shouted she heard another similar sound. Answer the questions that follow using this information.

- a) Give the name of the similar sound Suzan heard.

b) How was the sound you have named formed?

**PLE 2004**

**Qn 13**

Apart from hearing, give one other functions of the human ear

**PLE 2005**

**Qn 16**

Why is thunder heard after lightning has been seen during rainy day?

**PLE 2006 QN 31**

**QN 31**

What causes an echo?

**PLE 2008**

**Qn 38**

Name the state of matter in which sound travels fastest

**PLE 2009**

**Qn 42**

a) How does a guitar produce sound when its string is plucked?

b) How can the pitch of a guitar be changed?

c) Name one way of storing sound.

**PLE 2010**

**Qn 01**

Name the sense organ for hearing.

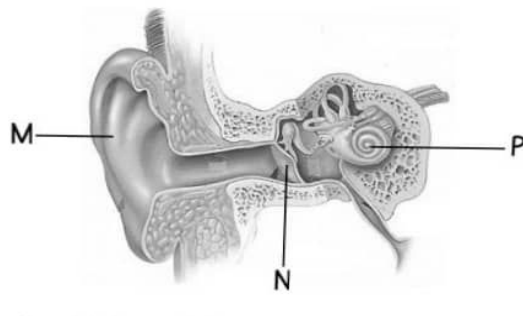
**PLE 2013 QN 33, 51**

**Qn 33**

Which part of ear equalizes pressure in and out side the ear?

**Qn 51**

Study the diagram of the human ear below and use it to answer questions that follow



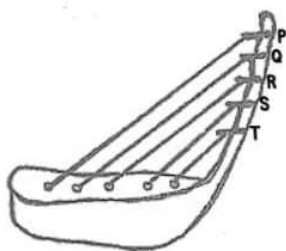
a) Name the part marked M and N

b) Give the function of the part marked D

c) Use letter B to show the part of the ear responsible for balancing the body.

**PLE**  
**Qn**

**2015 QN**



Why does string T produce sound of the highest pitch

**PLE 2016 QN 03**

**Qn 03**

Which part of a fish performs a similar function as the human ear.

**Qn 54**

- a) Apart from using solfa notation, mention any two other ways of storing sound
- b) Name two instruments used to reproduce the sound by solfa notation.

**PLE 2017**

**Qn**

- a) How is a reflected sound helpful to sailor
- b) State any one reason why animals make sound.

**PLE 2018 QN 37**

**Qn 37**

What would you do to a guitar string to make it produce a high pitched sound.

**PLE 2019 QN 44, 11, 32**

**Qn 11**

How is ear drum useful in the process of hearing?

**Qn 32**

Which rabbit disease causes wounds in their ear

**QN 44**

In the table below, part A shows terms used to describe sound and part B has the meaning of the term.

A	B
Volume	number of vibration per second
Pitch	reflected sound
Frequency	loudness or softness of sound
Echoe	highness or lowness of sound

- a) Volume
- b) Pitch
- c) Frequency
- c) Echoe

**PLE 2020 QN 15, AND 16**

The diagram below is of a musical instrument. Use it to answer question 15 and 16



**Qn 15**

Name the group of musical instruments to which the instrument above belong

**Qn 16**

How can the pitch of the above instrument be varied.

**PLE 2022 QN 36**

**Qn 36**

State any one way in which echoes can be reduced in a large hall.