

Sound – 2023 June O Level 5054

1. **June/2023/Paper_5054/11/No.24**

Sound travels at different speeds in different states of matter.

Which list gives the three states of matter arranged in order of the speed of sound from slowest to fastest?

- A gas → liquid → solid
- B liquid → solid → gas
- C solid → gas → liquid
- D solid → liquid → gas

2. **June/2023/Paper_5054/12/No.23**

Ultrasound is a type of sound wave that is not audible to a healthy human ear.

Which range of frequencies contains **only** ultrasound?

- A 30 Hz–3.0 kHz
- B 300 Hz–30 kHz
- C 3.0 kHz–3.0 MHz
- D 30 kHz–30 MHz