

**HOLIDAY HOMEWORK**  
**CLASS VIII**  
**SCIENCE**

*Note: Complete the work in your science notebook.*

**A. Multiple choice questions.**

1. A baby before birth is termed as
  - (a) embryo
  - (b) foetus
  - (c) egg
  
2. Tadpole is the larva of
  - (d) child
  - (a) fish
  - (b) frog
  - (c) butterfly
  - (d) hen
  
3. As compared to a whistle, the vibrations produced by a drum have
  - (a) less than 20 Hz
  - (b) low amplitude
  - (c) high frequency
  - (d) low frequency
  
4. The sound travels fastest in
  - (a) Solids
  - (b) liquids
  - (c) gases
  - (d) vacuum

**B. Fill in the Blanks:**

1. \_\_\_\_\_ is a funnel shaped structure that receives the eggs released from ovaries.
2. \_\_\_\_\_ carry sperms from testis to urethra.
3. Loudness is determined by \_\_\_\_\_ of vibration.
4. The unit of loudness of sound is \_\_\_\_\_.

**C. Short Answers type Questions**

1. State the importance of reproduction in animals.
2. State two differences between sexual and asexual reproduction.
3. Define amplitude, frequency and time period of a vibration.
4. If 125 oscillations are produced in 5 seconds, what is the frequency in Hertz?

**D. Long Answer Type Questions:**

1. How does reproduction in Hydra occur?.
2. Explain asexual reproduction in Amoeba along with a diagram.
3. Can sound propagate through solids? Give an activity to explain it.
4. Give the passage of sound as it travels in the human ear. Name the nerve that carries the sound to the brain.

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