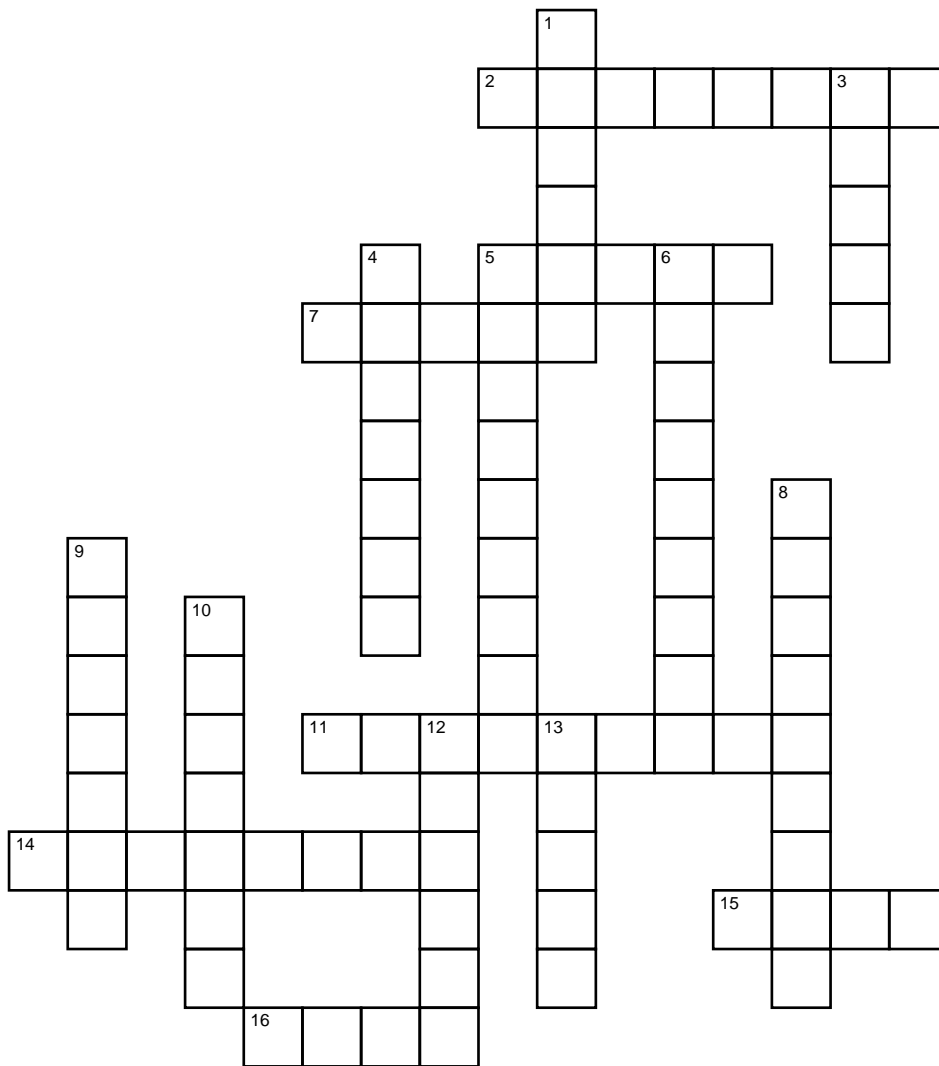


# PHYSIOLOGY

## Intermediate Level Crossword



### Across

2. Rate of change of temperature, pressure, or other variable as a function of distance, time, or other continuously changing influence.
5. The solid matter that is discharged in a bowel movement.
7. A clear, watery fluid derived from body tissues that contains white blood cells, and circulates throughout the lymphatic system, returning to the venous bloodstream through the thoracic duct.
11. A single complete cycle of contraction and dilation of heart muscle.
14. An intermediary substance released from cells that regulates or causes physiologic consequences.
15. Thick, yellow-green-brown fluid produced by the liver, stored in the gallbladder, and discharged into the upper part of the digestive tract (duodenum), where it dissolves fats, preparing them for further digestion.

### Down

1. The increase in size of a living being or any of its parts occurring in the process of development.
3. A bundle of fibres that uses electrical and chemical signals to transmit sensory and motor information from one body part to another.
4. The structure at which a nervous impulse passes from one neuron, the afferent, to another, the efferent.
5. An annular muscle surrounding and able to contract or close a bodily opening.
6. A membrane enclosed structure, in cells, that has a specialised function.
8. Programmed cell death.
9. A usually tubular enclosed passage.
10. A component of a biologic fluid that binds a ligand and transports that ligand to a new location; transporter.

**Across**

16. The human body, consisting of head, neck, trunk, and limbs.

**Down**

12. The path that air follows to get into and out of the lungs.
13. An elongated area; a passage or pathway.