



The human body is an amazing structure with huge functionality See how much you know about the systems of this amazing organism.

## Across

1. The fluid medium that contains platelets and plasma. (5)
8. These are small organs in the body which secrete specific chemical substances for use in the body. (5)
11. This system fights infections and protects against illness. (6)
12. This system creates forces that allow the bones to move at articulations. (8)
13. Relating to the heart or the blood vessels. (14)
15. The juncture at which two or more bones 'articulate'. (5)
16. This organ is the primary structure in the Central Nervous System. (5)
18. This organ detoxifies chemicals and metabolises drugs. (5)
20. The system which contains hair, skin and nails. (13)

## Down

2. This gaseous molecule is carried around the body attached to blood. (6)
3. These organs provide gaseous interaction between the environment and the human body. (5)
- 4 This is released at the end of a nerve fibre when a nerve impulse arrives. (16)
5. Relating to the lungs. (9)
6. This body system provides support, protection and movement functionality. (8)
7. This is the largest organ in the human body. (4)
9. These chemical messengers are released by the endocrine system. (8)
10. This is another name for the hormone system. (9)
12. Blood cells are produced in this part of a bone. (6)
14. This system is responsible for the absorption and assimilation of foodstuffs. (9)
17. This is the fast messaging system of the body which uses electrical impulses. (7)
19. Blood cells concerned with immunity among other factors. (5)