

# ARE YOU READY FOR THE BIG QUIZ?

Mark the right answer! Let's go!

## 1. What is stored in a biobank?

- A. human tissue (like blood, urine and hair) and medical data
- B. biological fruit and vegetables
- C. money out of eco-friendly paper

## 2. How many liters of blood has a human?

- A. 10 liters (like big water bucket)
- B. 250 milliliters (like a glass of water)
- C. 3 – 6 liters (3 – 6 milk cartons)



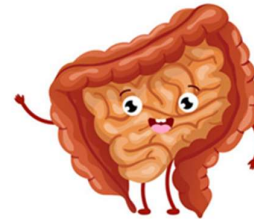
## 3. How heavy is your brain?

- A. 200 grams (like 2 chocolate bars)
- B. Just over 1 kilogram (bit more than a milk carton)
- C. 3 kilograms (like a medicine ball in sports class)



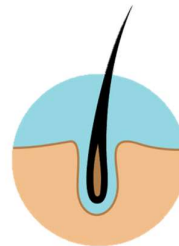
## 4. How long are your intestines?

- A. ca. 7,5 meters (as long as a small bus)
- B. 30 cm (like a ruler)
- C. 2 meters (like a tall person)



## 5. How many hairs do you lose each day?

- A. I don't! Only old people lose hair!
- B. 50 – 100 hairs per day
- C. 1 hair per day



## 6. How many bones are in your body?

- A. around 200
- B. 1 000 073
- C. 15



7. DNA is packed tightly together in all cells of your body and keeps all your biological information.

**If you would stretch out all DNA, how long would it be?**

- A. longer than to the sun and back
- B. 200 km (distance from Groningen to Limburg)
- C. 50 centimeter



8. **It is possible to discover some diseases by looking at the DNA of somebody.**

- A. TRUE
- B. FALSE

9. Opinion question – no right or wrong!

**What research is important for you?**

- A. to find new medicines for diseases and treat sick people
- B. to find more forms and flavors for hagelslag
- C. to find out how to make cars faster

10. Opinion question – no right or wrong!

**How would you feel if your blood would be used for research into new medicines?**

- A. Good! I would like to help research with that!
- B. Not sure...
- C. No, I wouldn't like that!



1) A. 2) C. 3) B. 4) A. 5) B. 6) A. 7) A. 8) A. 9) B. and C. might be cool and fun but consider that A – the research for new medicines to treat sick people is absolutely vital for people! 10). Every answer is completely valid, maybe you also don't know. Maybe you can talk with your parents about it. You find more information about biobanking and research on biobanken.nl.