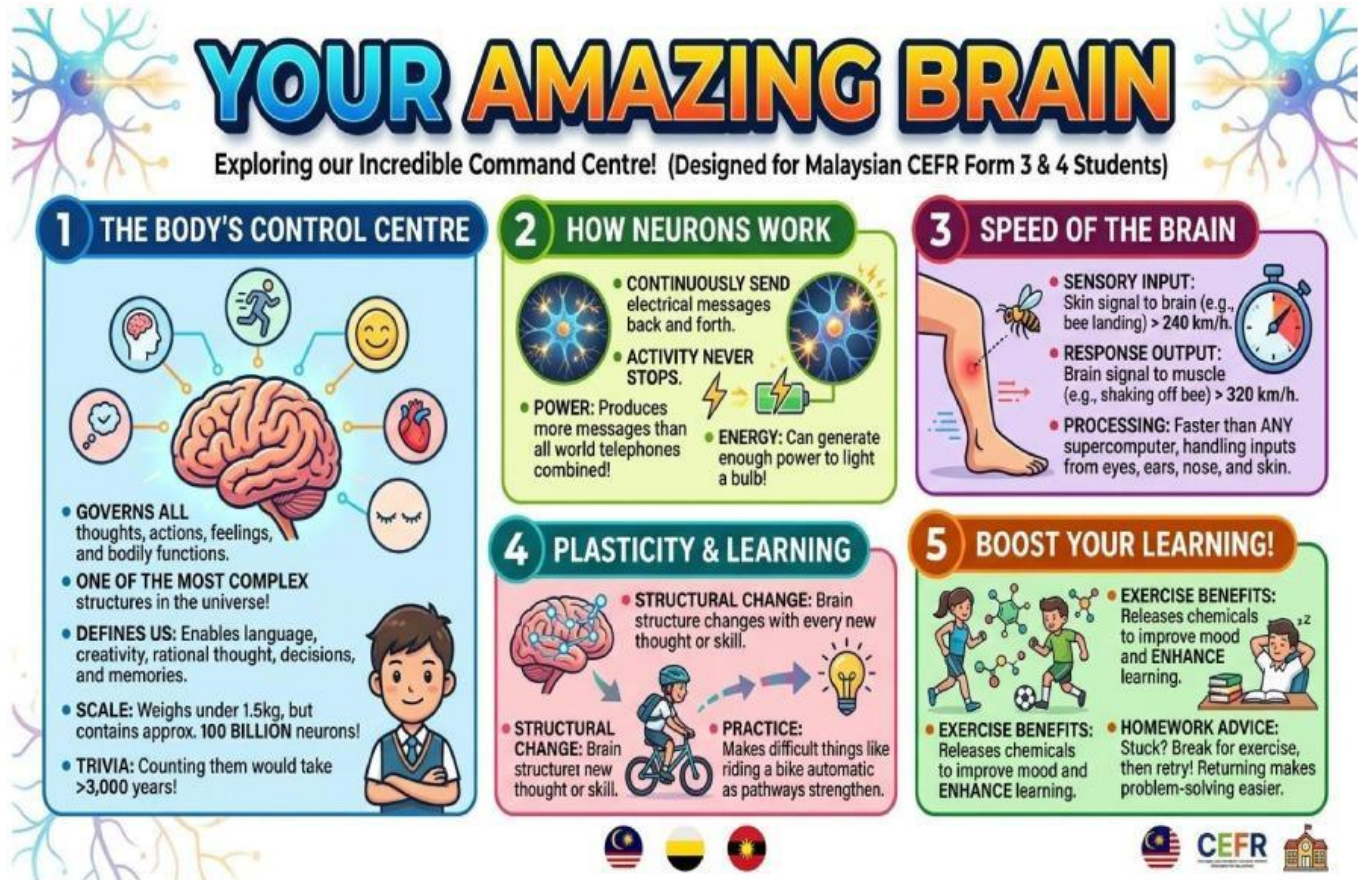


Read the infographic below on Your Amazing Brain, then answer the following



question

- What is the approximate weight of the human brain?
 - A) Over 3.0 kg
 - B) Under 1.5 kg
 - C) Exactly 2.5 kg
 - D) Weighs nothing
- How long would it take to count all the 100 billion neurons in the brain?
 - A) 300 years
 - B) 1,000 years
 - C) Over 3,000 years
 - D) 100 years

3. According to the text, response output signals travel to muscles at speeds greater than:
- A) 240 km/h
 - B) 100 km/h
 - C) 320 km/h
 - D) 500 km/h
4. What happens to the structure of the brain when you learn a new skill?
- A) It decreases in size.
 - B) It changes structurally as pathways strengthen.
 - C) It stops electrical messages.
 - D) It loses neurons.
5. The human brain is described as governing all of the following EXCEPT:
- A) Thoughts and feelings
 - B) External weather patterns
 - C) Bodily functions
 - D) Actions
6. How many neurons are approximately contained in the human brain?
- A) 100 million
 - B) 10 billion
 - C) 100 billion
 - D) 1 trillion
7. Which statement best describes neuron activity in the brain?
- A) Activity stops while you sleep.
 - B) Neurons only send messages once per hour.
 - C) Activity never stops as electrical messages are sent continuously.
 - D) Neurons only activate during exercise.
8. The brain produces more messages than:
- A) All world telephones combined
 - B) All radio stations combined
 - C) All internet servers in Asia

- D) All smartphones in Malaysia
9. How much electrical energy can the brain generate?
- A) Enough power to light a bulb
 - B) Enough power to run a car engine
 - C) Enough power to charge a laptop for a week
 - D) Not enough power to register on instruments
10. What is the speed of sensory input signals (such as a bee landing on skin) traveling to the brain?
- A) Greater than 50 km/h
 - B) Greater than 120 km/h
 - C) Greater than 240 km/h
 - D) Greater than 500 km/h
11. How does the brain's processing capability compare to computers?
- A) Slower than a standard smartphone
 - B) Equal in speed to a basic calculator
 - C) Faster than any supercomputer handling sensory inputs
 - D) Unable to process multiple inputs simultaneously
12. What example is given in the infographic to demonstrate a skill becoming automatic through practice?
- A) Swimming in the ocean
 - B) Riding a bike
 - C) Playing the piano
 - D) Typing on a keyboard
13. How does physical exercise directly benefit learning according to Section 5?
- A) By making you sleep immediately
 - B) By releasing chemicals that improve mood and enhance learning
 - C) By decreasing electrical signal speed
 - D) By reducing brain size temporarily

14. What should a student do if they feel stuck while doing homework?

- A) Give up and skip the homework
- B) Take a break for exercise, then retry
- C) Drink coffee and stay up all night
- D) Read a completely unrelated textbook