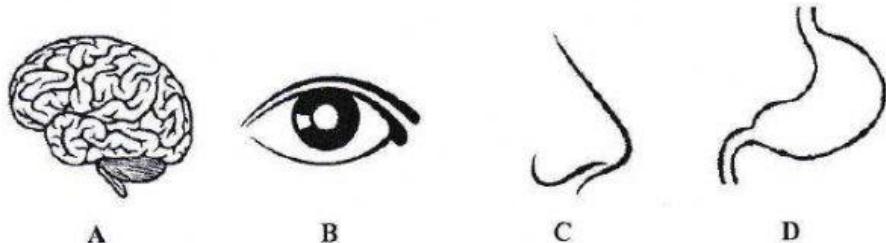


NAME: _____

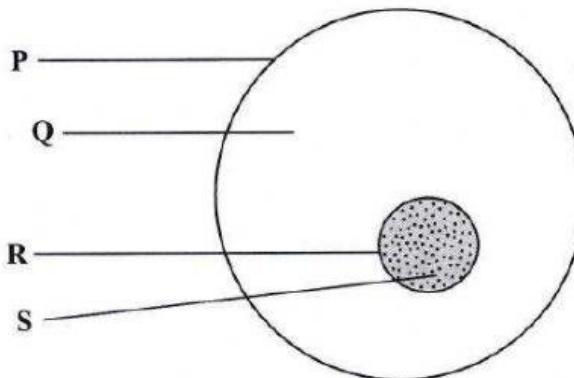
1. Which system sends chemical messages throughout the body?

A digestive
B endocrine
C muscular
D nervous

2. Which organ contains mucous and tiny hairs called cilia?



The diagram shows a typical body cell. Questions 3 and 4 refer to this diagram.



3. Which letter represents the cytoplasm?

A P
B Q
C R
D S

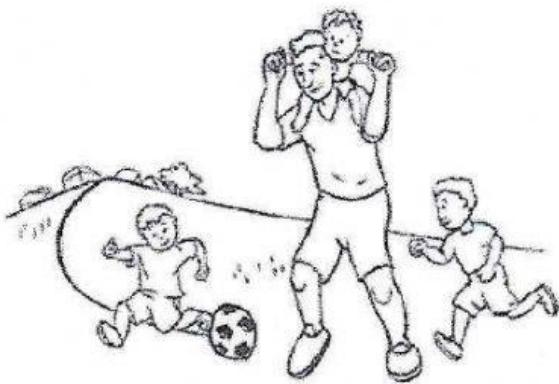
4. Which structure is selectively permeable?

A P
B Q
C R
D S

5. How many sense organs are there in the body?

A 2
B 5
C 6
D 8

The picture shows a father with his three children. Eventually the children will be about the same size as their father. Use this picture to answer questions 6 and 7.



6. Which characteristic of living things will be responsible for this change?

- A excretion
- B growth
- C movement
- D reproduction

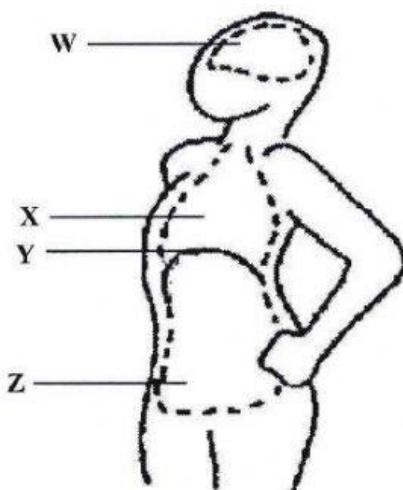
7. Which characteristics of living things are most responsible for providing the family with the energy needed for them to run?

- A excretion and movement
- B nutrition and respiration
- C reproduction and respiration
- D reproduction and growth

8. Exercise increases the heart beat rate. Which factor listed will mostly decrease the rate at which the heart beats?

- A age of the individual
- B hot and humid conditions
- C playing basketball
- D watching an exciting television show

The diagram shows the human body cavities. Questions 9 and 10 are based on this diagram.



9. Which letter points to the thoracic cavity?

A W
B X
C Y
D Z

10. Which **TWO** internal body cavities are separated from each other by structure **Y**?

A abdominal and nasal
B cranial and thoracic
C cranial and pulp
D thoracic and abdominal

11. Which system of the body is affected by the disease **AIDS**?

A digestive
B endocrine
C immune
D reproductive

12. The human skeleton is made up of many bones which support the body.
How many bones make up a human adult skeleton?

A 106
B 206
C 260
D 306

13. Which is **NOT** a function of the skeleton?

A assists in movement
B makes blood cells
C makes vitamins
D stores minerals

14. Which **TWO** bones connect the ribcage at the front and back?

	Front	Back
A	carpel	radius
B	femur	patella
C	clavicle	scapula
D	sternum	vertebrae

15. Which instrument is used to measure body temperature?

- A barometer
- B spirometer
- C stethoscope
- D thermometer

16. The table shows the results of a blood test of four people.

	Cholesterol level	Glucose level	Calcium level
Craig	high	high	low
Jermaine	normal	low	normal
Crystal	normal	normal	high
Ronique	low	low	normal

Which of the four people might be advised by their doctor to go on a diet that is low in refined sugars and saturated fats?

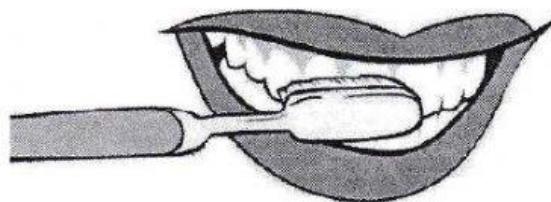
- A Craig
- B Crystal
- C Jermaine
- D Ronique

17. Amy takes in 50% of the daily recommended allowance for vitamin C.

Which of the following best completes this statement?

- A Amy needs 50% more vitamin C for that day.
- B Amy ingested too much vitamin C for that day.
- C Amy needs no more vitamin C for that day.
- D Amy has a 50% chance of developing an illness.

The picture shows the use of a daily health practice. Use this picture to answer questions 18 and 19.



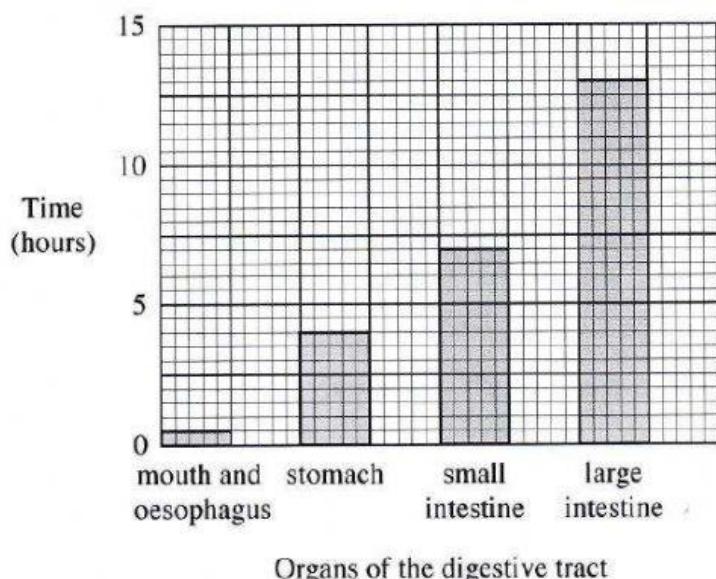
18. Which health rule is being practiced?

- A environmental hygiene
- B feminine hygiene
- C oral hygiene
- D personal hygiene

19. Which main type of teeth are being brushed?

- A canines
- B incisors
- C molars
- D premolars

The bar graph shows how long a meal spends in each part of the digestive system. Use this graph to answer questions 20 and 21.

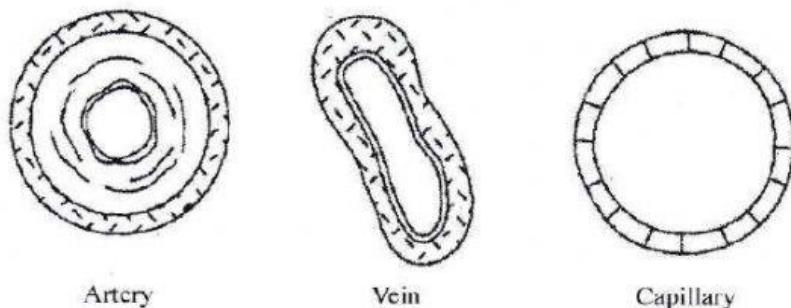


20. In which structure does the food spend the longest time?

- A large intestine
- B mouth
- C small intestine
- D stomach

21. Approximately how much longer does food stay in the small intestine than in the stomach?

- A one hour
- B two hours
- C three hours
- D four hours



Which best describes the structure of an artery?

- A contains valves
- B large lumen
- C thick muscular walls
- D walls are one cell layer thick

23. Which statement best describes the function of the capillaries?

- A exchange materials between the blood and cells
- B carry blood away from the heart
- C carry blood to the heart
- D carry blood away from the lungs

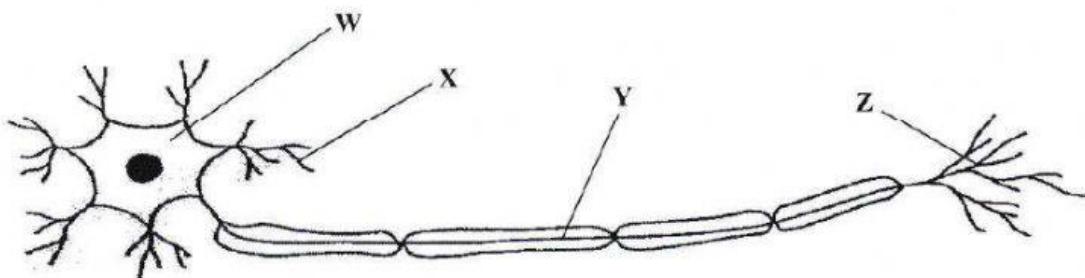
24. An adult human body contains approximately five litres of blood. If 45% of blood consists of cells, what percentage is liquid?

- A 25%
- B 55%
- C 65%
- D 100%

25. Which component of blood aids in blood clotting?

- A plasma
- B platelets
- C red blood cells
- D white blood cells

The diagram shows a nerve cell. Use the diagram to answer questions 26 and 27.



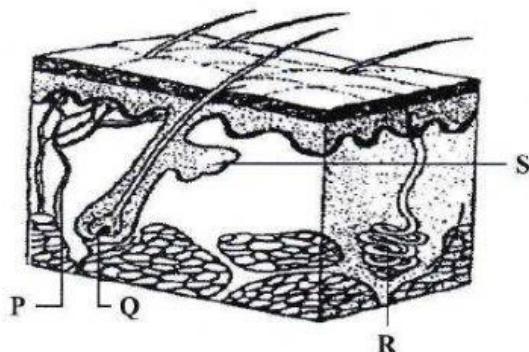
26. What type of nerve cell is shown?

- A connector nerve cell
- B intermediate nerve cell
- C motor nerve cell
- D sensory nerve cell

27. Which letter points to dendrites?

- A W
- B X
- C Y
- D Z

28. The diagram shows a section of the human skin.



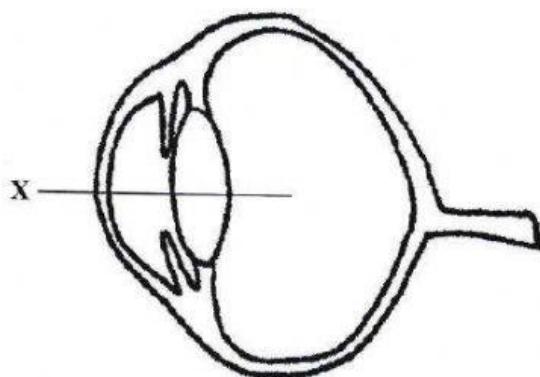
Which letter points to a sebaceous gland?

- A P
- B Q
- C R
- D S

29. If the skin lacks melanin, how would this affect it?

- A It would be colourless and sensitive to light.
- B It would be sensitive to pain.
- C It would be unable to feel heat, cold or pressure.
- D It would be unable to regulate body temperature.

30. The diagram shows a section through the human eye.



What is the function of structure X?

- A It encloses and protects the lens.
- B It lubricates the cornea and the pupil.
- C It maintains the shape of the eyeball.
- D It regulates the body temperature.

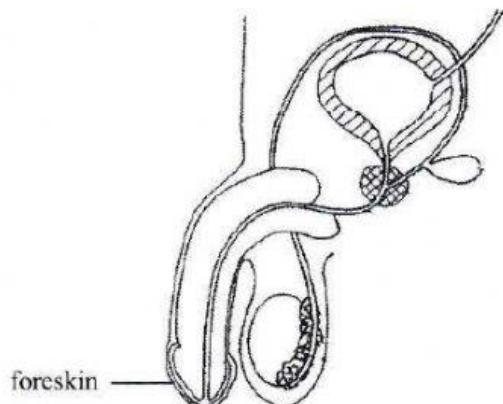
31. Which is a function of the liver?

- A absorbs water from undigested food
- B produces bile
- C produces gastric juice
- D stores hydrochloric acid

32. Which structure, in gametes, contains the X and Y chromosomes?

- A cytoplasm
- B membrane
- C mitochondria
- D nucleus

33. The diagram shows the foreskin covering the head of a penis.



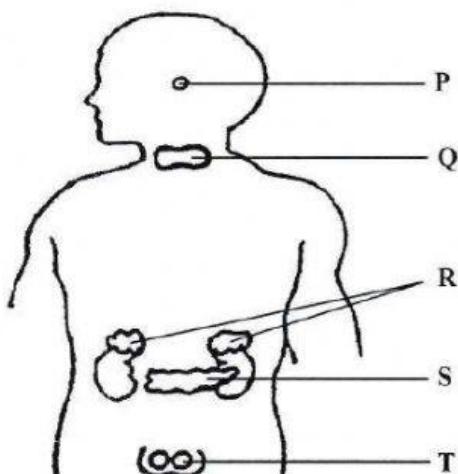
What do we call the surgical removal of this foreskin?

- A Caesarian section
- B circumcision
- C tubal ligation
- D vasectomy

34. Which term describes the release of semen from the body of a male?

- A ejaculation
- B intercourse
- C masturbation
- D ovulation

The diagram shows some of the glands of the endocrine system. Use the diagram to answer questions 35 and 36.



35. Which gland produces the hormone insulin?

- A P
- B Q
- C R
- D S