



**18. What happens to the ice when the hot liquid wax is poured over it?**

- a. melt                      b. evaporate              c. freeze

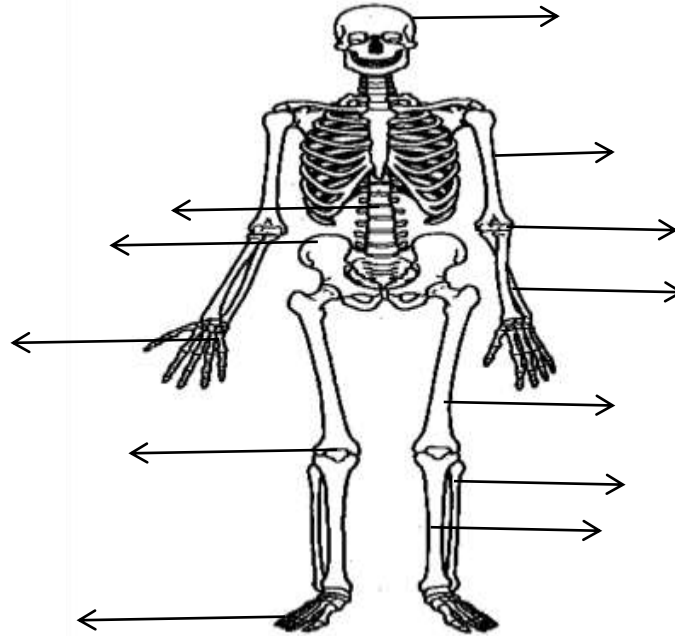
**19. When a muscle is contracting, the other is ...**

- a. Relaxing                  b. Sleeping                  c. Tightening

**20. A solid that does not dissolve in a liquid.**

- a. insoluble                  b. soluble                  c. none of them

**2a) Label the skeleton**



**2b) Describe TWO different ways that the skeleton is important to the human body.**

---

---

**2c) The measurements below show the length of one person's hand at different stages of the life cycle. Draw lines to match each length of hand to the correct stage of the life cycle.**

- |       |          |
|-------|----------|
| 5 cm  | child    |
| 20 cm | adult    |
| 15 cm | baby     |
| 12 cm | teenager |

**Q3) Meena makes this list to show the functions of different parts of the body.**

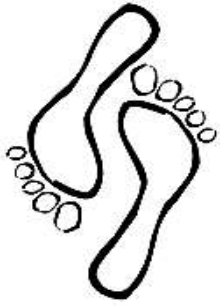
**Functions of different parts of the body:**

1. takes in food
2. pumps blood
3. takes in oxygen
4. holds the body upright
5. controls the body

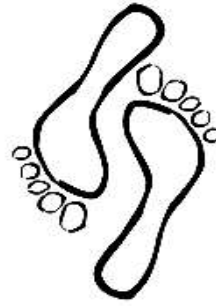
(i) Which number on Meena's list gives the main function of the brain? \_\_\_\_\_

(ii) Which number on Meena's list gives the main function of the heart? \_\_\_\_\_

Q4) A group of children measured their feet. The results are in the table below.



Name	Length of foot
Ali	15cm
Salman	14cm
Rohan	10cm
Tahir	16cm








Who had the longest foot?.....



Who had the shortest foot?.....

Do you think these children are the same age?.....

Q5) Look at each changes pictured below. State whether the changes are reversible or irreversible

1		Frying an egg	
2		Melting an ice cube	
3		Making jelly/ jam	
4		Melting chocolate	
5		Making bread	

Q6) Look for one example of friction in each of the given picture and complete the table.

	The two surfaces which rub together	High or low friction	Useful or not	Why?
	Falling in washroom			
	Climbing the mountain			

Q7) What do we use to prevent our car engines from heating up?

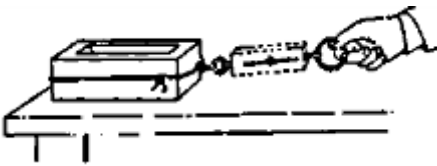
Q8) Define Lubricant and give an example.

Q9) Correct the following statements

- a) There are **306** bones in an adult human being's body. \_\_\_\_\_
- b) Earthworm is an example of **vertebrate**. \_\_\_\_\_
- c) **Millimeter** is a unit for measuring volume. \_\_\_\_\_
- d) **Thermometer** is an instrument used for measuring force. \_\_\_\_\_
- e) Rough surfaces have higher **resistance** than smooth ones. \_\_\_\_\_

Q10) Lubna uses a force meter.

She measures the force needed to start a brick moving on different surfaces.  
Here are her results.



Surface	Pulling force (Newtons)
A	19
B	30
C	16
D	6

Write A, B, C or D in each box below to put the surfaces in order of force needed to start the brick moving.

easiest surface to pull the brick on

hardest surface to pull the brick on

Q11) look at the following objects



filter



sieve



magnet

Which of the objects above would you use to separate the following:

- a. Marble and water \_\_\_\_\_
- b. Salt and water \_\_\_\_\_
- c. Mud and water \_\_\_\_\_
- d. Iron filling and rice grains \_\_\_\_\_