FORMAL FORMATIVE - 1 25 marks

1. **Name the three types of blood vessels of the human circulatory system in order from biggest to smallest in size. /3**

a. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 c. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Which of these statements about the heart are true and which are false?** **/5**

Tick the correct box for each statement.

|  |  |  |
| --- | --- | --- |
| **Statement** | **True** | **False** |
| a The heart is made of muscle. |  |  |
| b The heart has to stop sometimes to rest. |  |  |
| c The left side of the heart pumps blood that contains oxygen. |  |  |
| d The right side of the heart pumps blood that contains oxygen. |  |  |
| e The ribs protect the heart. |  |  |

1. **This is a table of measurements of Arun’s pulse rate.**

|  |  |
| --- | --- |
| **Measurement** | **Pulse rate** |
| 1 | 79 beats per minute |
| 2 | 70 beats per minute |
| 3 | 80 beats per minute |
| 4 | 98 beats per minute |
| 5 | 77 beats per minute |

1. Which measurement shows Arun’s pulse rate after he was most active?  **/1**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Explain your answer to question 3a. **/1**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Which measurement shows Arun’s pulse rate when he is sleeping? **/1**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Write the correct word(s) for each of these meanings: **/10**
2. The body system we use for breathing - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The air tube that joins the mouth to the lungs - \_\_\_\_\_\_\_\_\_
4. The muscle in the chest that we use when breathe in and out - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. The gas in the air that our body needs

e. The number of times we breathe in and out in one minute

f. The blood vessels that bring oxygen to all the body cells and carry away waste – \_\_\_

g. We breathe out air that contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gas.

h. Any living thing that lives on or in the body of another living thing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

i. Living thing that spreads diseases but do not get the disease themselves – \_\_\_\_\_\_\_\_\_\_

j. Sticky substance found in our noses - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The labels describe different ways our body protects us from diseases. **/4**

Draw a line from each label to match the way of preventing disease with the right body part.

