



**Instruction: Answer all questions:**

**Question ( 1 )**

**Read through the following text and answer the questions below:**

**The circulation of the Blood**

It was already known before Harvey's time that the heart is a hollow muscle divided into four cavities called auricles and ventricles. At the top are the left and right auricles and below them the left and right ventricles. It was also known that there are two kinds of blood vessels arteries and veins. The main artery of the body , known as the aorta, is joined to the left ventricle whilst the main vein is joined to the right auricle. The right ventricle is joined to the lungs by means of an artery known as the pulmonary artery and the pulmonary vein joins the lungs to the left auricle of the heart. So much was well known to all physicians and surgeons long before Harvey was born. They knew, too, that the arteries and veins spread through every part of the body, rather like the roots of a tree.

Though all these facts were familiar to medical men at the end of the sixteenth century, nobody could give a satisfactory explanation of the work of the heart and the blood vessels. Some said the heart pumped a liquid they called ' the vital spirit' into every part of the body. Other said the process had something to do with breathing.

1- When did biologists know that the heart is a hollow muscle?

-----

2- How many cavities into which the heart is divided?

-----

3- How many kinds of blood vessels in the circulatory system?

-----

4- What is the main artery named?

-----  
5- What is the function of pulmonary artery?  
-----

6- How does the writer describe the spreading of arteries and veins?  
-----

7- What does the phrase vital spirit mean?  
-----

8- Who discovered the pulmonary circulation?  
-----

**Question Two:**

**Underline the correct form of verbs:**

- 1- Look! The car ( comes - come - is coming ).
- 2- She doesn't ( has - have - had ) a copy of Animal Biology.
- 3- We must wait until the rain ( stopped - stops - would stop ).
- 4- If she comes, They ( would be - would have been - will be ) happy.

**Question Three:**

**Insert the suitable preposition or adverbial particle:**

*of - with - in - for - on - off - at - out*

- 1- When did the disease break -----?
- 2- He was driving ----- a high speed.
- 3- The plane will take ----- at six in the morning.
- 4- You have to bring the book ----- the spot.
- 5- Where the bus ----- Merawe?
- 6- Put that chair ----- that corner.
- 7- After the rain, the earth will be covered ----- mud.
- 8- There are two kinds ----- blood vessels.

**Question Four:**

**Change the following sentences into passive:**

1- Biologists knew that the heart is a hollow muscle.  
-----

2- Let Musa send the letter.  
-----

3- People use laptops all over the world.

-----

4- Mona was writing some essays on microbiology.

-----

5- A computer can process and store data.

-----

**Question five :**

***Supply ( a ), ( an ), ( the ), or ( some ) where necessary:***

- 1- ----- children like ----- milk.
- 2- ----- boy dropped -----ink on ----- floor.
- 3- There is ----- red book on ----- table by ----- window.
- 4- We gave him ----- food and ----- of water.
- 5- ----- books should be kept on ----- shelf in -----  
dry place.

**Question Six:**

**Give the opposite of the following words:**

1- Hot		6- Narrow	
2- Cool		7- Dead	
3- Soft		8- Broad	
4- Backward		9- Expensive	
5- normal		10- ill	

**Question Seven:**

**Write at least five connected sentences saying that why you have chosen to study biology.**

-----

-----

-----

-----

-----

-----

-----

-----