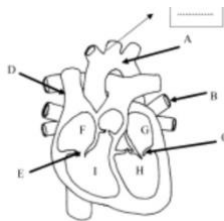


1) Following diagram shows a longitudinal section of human heart.



- Name all the parts labelling by letters.
- What is known as blood transfusion?
- Fill in the blanks in this table.

Donor	Recipient				
	Blood Type	A	B	AB	O
	A	✓	X
	B
	AB
	O

- What is the prevailing theory about the origin of earth?
 - What is the first living cell appeared on Earth?
 - Write two features of the above cell.
 - Name the first group of vertebrates who came to terrestrial environment?
 - Name the scientist who proved bio-chemical evolution scientifically?
- What is called an ecosystem?
 - Write two features of an ecosystem?
 - Name 3 main types of interactions (relationships) found in an ecosystem.
 - Name 2 invasive organisms which make a strong impact on bio-diversity.
 - Write 2 reasons for destruction of the habitats of living organisms.