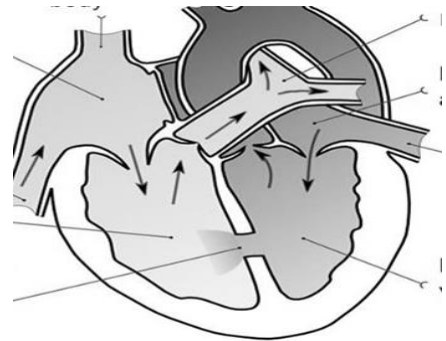


SATISH CHANDRA MEMORIAL SCHOOL
HOTS QUESTION
CLASS- VII
SUBJECT- SCIENCE
FM- 16

1. From which trophic level does the secondary consumer belongs to? Explain it with suitable food chain. (2)
2. Can the stem of a plant be compared with a street with two way traffic? Give reason for your answer. (2)
3. What will happen if any one of the trophic levels gets disturbed? Justify with your answer with example. (2)

4. . From the given diagram -

- a) Try to find a defect in the heart.
- b) What will be the problem in the flow of blood if this defect persists.
- c) how does the person get cured? $(\frac{1}{2} + 1 + \frac{1}{2})$



5. Suppose three earthen pots are kept one after another and the earthen pot that is kept on the top is not covered with lid. Each pot contains hot water in it. Which pot will retain heat for long period of time and why? (2)
6. Suppose a bus travels 240 km at a speed of 80 km/h. It covers the next 360 km at a speed of 90 km/h. What is its average speed? (2)
7. Find B,C, D and E from the give graphical box. (2)

DISTANCE (km)	18	26	C	45	E
TIME (hr)	3	B	7	12	17
SPEED (Km/h)	A	4	7	D	5

8. If a fan is moving with constant speed then how many types motions are there? Justify your answer for each motion. (2)