

Name: _____

Roll No. _____

SIDDEEQ PUBLIC SCHOOL**ENTRY TEST ... 43****SCIENCE****Max. Marks: 10****ADMISSION to CLASS: 7**

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Srv #

Sign:

Rechecked by

Srv #

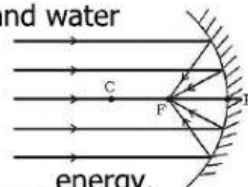
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Objective**Q.1 Fill in the blanks.**

(1.0×4)

- (i) Lungs, liver and heart are the examples of some important _____ of animals.
- (ii) Through _____ the exchange of oxygen, carbon dioxide and water vapours take place between the leaf cells and the air.
- (iii) In the given figure the principal focus is labelled as _____.
- (iv) A washing machine converts _____ energy to _____ energy.

**Short-Answer Questions***(Best three will be considered.)*

(2.0×3)

Q.2 Answer the following questions.

- (i) **Where does respiration and photosynthesis occur in cells? Write the word equations for both the processes.**

Respiration: _____

Word equation

Photosynthesis: _____

Word equation

- (ii) **Which gas is used in the following. Justify your answer.**

a. In light bulbs: _____ Justification: _____

b. In fire extinguishers: _____ Justification: _____

- (iii) **Differentiate between fixed and moveable pulley.**

Fixed Pulley	Moveable Pulley

- (iv) **Regular reflections take place on smooth shiny surface and diffused reflections take place through rough surfaces. Justify the statement.**

(Use backside of the sheet to answer.)