

Name: \_\_\_\_\_

Roll No. \_\_\_\_\_

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

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:
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**Objective****Q.1 Fill in the blanks.**

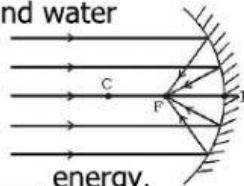
(1.0×4)

(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.)*