

**ENTRY TEST ... 49**  
**ADMISSION TEST TO GRADE: 7**  
**SCIENCE**  
**KEY**

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

- (i) Digestion    (ii) Chemical; Electrical    (iii) Nitrogen    (iv) Series

**Q.2 Answer the following questions.**

- (i) Differences (Any two)

- Plant cells contain a cell wall, while animal cells do not.
- Plant cells contain chloroplast, while animal cells do not.
- Plant cells have a definite shape, while animal cells are irregular in shape
- In plant cells, nucleus is pushed to one side while in an animal cell nucleus is present at the center of the cell.

- (ii)

| <b>Vitamin</b>   | <b>Source (Any 1)</b>                              | <b>Function (Any 1)</b>   |
|------------------|--|---|
| <i>Vitamin A</i> | Vegetables, fruits, egg yolk, butter               | <ul style="list-style-type: none"><li>• Improves eye sight</li><li>• Enhance immunity</li></ul>               |
| <i>Vitamin D</i> | Dairy products, eggs, sunlight, Liver and fish oil | <ul style="list-style-type: none"><li>• Make bones and teeth strong</li><li>• Absorption of calcium</li></ul> |

- (iii) Renewable energy sources

Renewable energy comes from sources or natural processes that are constantly replenished over short period of time. These can be used again and again.

- (iv) Yes

Pour the mixture of mud and water into a filter paper. The mud particles cannot pass through the filter paper. Hence, they are left on the filter paper as residue. And the liquid (water) that passes through the filter paper is called filtrate.