

St. Andrews Scots School

Adjacent Navniti Apartment, Patparganj, Delhi-110092

Session: 2026 -2027

Worksheet

SUBJECT- SCIENCE

CLASS -VII

TOPIC- Exploring substances: Acidic, Basic and Neutral

Q. 1 Define:

- a. Acids
- b. Bases
- c. Olfactory indicators

Q. 2 Fill in the blanks:-

- a. _____ acid is found in orange.
- b. _____ acid is found in grapes.
- c. $\text{HCl} + \text{NaOH} \rightarrow \text{_____}$
- d. _____ helps with acid burns and bee stings.
- e. _____ is often called the 'golden spice'.

Q.3.State whether the statement is true or false:-

- a. Acids turn blue litmus paper red.
- b. Bases usually taste sour.
- c. Olfactory indicators change smell.
- d. Turmeric reacts with acids only.
- e. The pH value of a basic substance is more than 7.

Q. 4 Answer the following questions:-

- a. Which acid is found in spinach?
- b. Give two properties of bases.
- c. Name the indicator that is obtained from lichens.
- d. Can a substance be both bitter and sour?
- e. Name four natural indicators.