



SHREE VASISHTHA VIDHYALAYA

Science Worksheet 2026-27

Name: - _____

Std.: - V - _____

Roll No.: - _____

Worksheet No. TA1-1

Date: - _____

Ch-4 Solids, Liquids and Gases, Ch-5 Rocks and Minerals.

Q-1 Think and write.

1. In which rock did you find fossils ? Why?

2. Why are there no plants and animals on other layers of Earth?

3. Why does Pumice not sink in water?

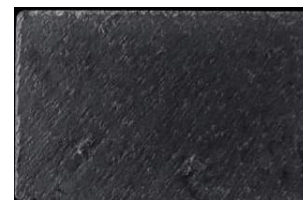
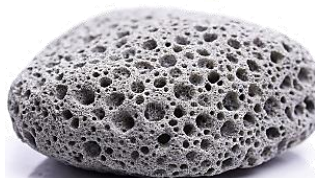
4. Which one of them would be best suited for making statue. Marble/ Granite. Why?

5. Simran tried to mix sugar in cold water but was taking her lot of time. On her sister's suggestion, when she mixed sugar in water at room temperature, sugar got dissolved in few seconds ? Why?

6. We can fill a gas inside a closed bottle but not solid. Why?

7. Nikita had left a glass of milk on window sill last in night. Predict what would happen to the milk in the glass. Evaluate is it chemical or physical change. Give one reason to justify your answer.

Q.2 Identify the pictures and write the name of the rock.



Q-3 Read the following two statements and choose the correct option.

A. Statement 1 - The Qutub Minar is made up of red sandstone.

Statement 2 - Metamorphic rocks preserve fossils.

- a) Both statements 1 and 2 are correct.
- b) Statement 1 is correct but statement 2 is incorrect.
- c) Statement 1 is incorrect but Statement 2 is correct.
- d) Both statements 1 and 2 are incorrect.

B. Statement 1 - Liquids have definite volume and not shape.

Statement 2 - The molecules of solid are very closely packed.

- a) Both statements 1 and 2 are correct.
- b) Statement 1 is correct but statement 2 is incorrect.
- c) Statement 1 is incorrect but statement 2 is correct.
- d) Both statements 1 and 2 are incorrect.

C. Statement 1 - Liquids have definite volume and not shape.

Statement 2 - The molecules of solid are very closely packed.

- a) Both statements 1 and 2 are correct.
- b) Statement 1 is correct but statement 2 is incorrect.
- c) Statement 1 is incorrect but statement 2 is correct.
- d) Both statements 1 and 2 are incorrect.

D. Statement 1 - Melting of butter is an example of chemical change.

Statement 2 - Burning of paper is an example of chemical change.

- a) Both statements 1 and 2 are correct.
- b) Statement 1 is correct but statement 2 is incorrect.
- c) Statement 1 is incorrect but statement 2 is correct.
- d) Both statements 1 and 2 are incorrect.

E. Statement 1 - Miscible liquids do not form uniform solution.

Statement 2 - Immiscible liquids form uniform solutions.

- a) Both statements 1 and 2 are correct.
- b) Statement 1 is correct but statement 2 is incorrect.
- c) Statement 1 is incorrect but statement 2 is correct.
- d) Both statements 1 and 2 are incorrect.

Q-4 Look at the picture and answer the following.

A. Name the monument _____

B. Choose the Correct Option.

1) This monument is mainly made of:

- a) White marble b) Red sandstone c) Granite

2) Which type of rock is it?

- a) Sedimentary rock b) Metamorphic rock c) Igneous rock

3) Metamorphism means _____

- a) change b) original c) fire

4) This rock is formed from _____

- a) granite b) sandstone c) limestone

