

MATH

Q1. On a city map, locations are marked as coordinates:

School A (2, 3)

Park B (6, 3)

Hospital C (6, 7)

Questions:

- A. Find the distance between School A and Park B.
- B. Find the distance between Park B and Hospital C.
- C. What type of triangle is formed by A, B, and C?
- D. Find the area of triangle ABC.

Q2.



SCIENCE

1) Physics

A body moves with a constant velocity of 15 m/s for 8 seconds.

Questions:

- 1) Draw a velocity–time graph for this motion.
- 2) What will be the shape of the graph?
- 3) What does the area under the graph represent?
- 4) Calculate displacement using the graph.
- 5) What is the acceleration in this case?

(To be done in your Physics classwork note)

2) Chemistry

Experiment File / Activity Book

Students can perform any one activity and record simple home experiments:

Activities:

Dissolving sugar/salt in water (shows particles occupy spaces)

Smell of perfume spreading in a room (diffusion)

Ink spreading in water

They need to write:

Aim

Materials required

Procedure

Observation

Conclusion

(To be done in your chemistry classwork note)

3) Biology

1) i) Analyse the various methods of asexual reproduction in plants.

ii) Discuss the sexual reproduction in plants.

(To be done in your Biology classwork note)

ENGLISH

Class 9 – Holiday Homework(English)

1. Write a short paragraph (120–150 words) on:

“The Importance of Discipline in Student Life”.

2. Prepare a “Grammar Wall Chart” on any ONE topic:

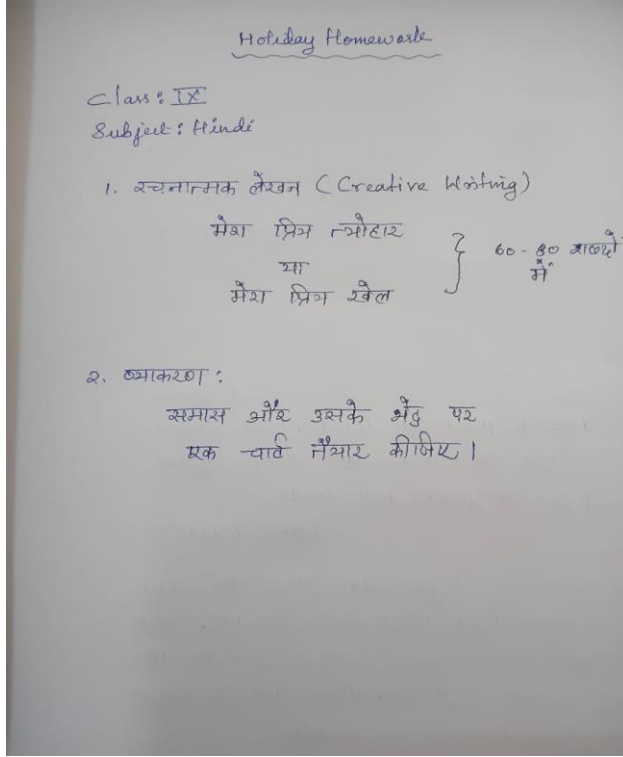
Tenses

Parts of Speech

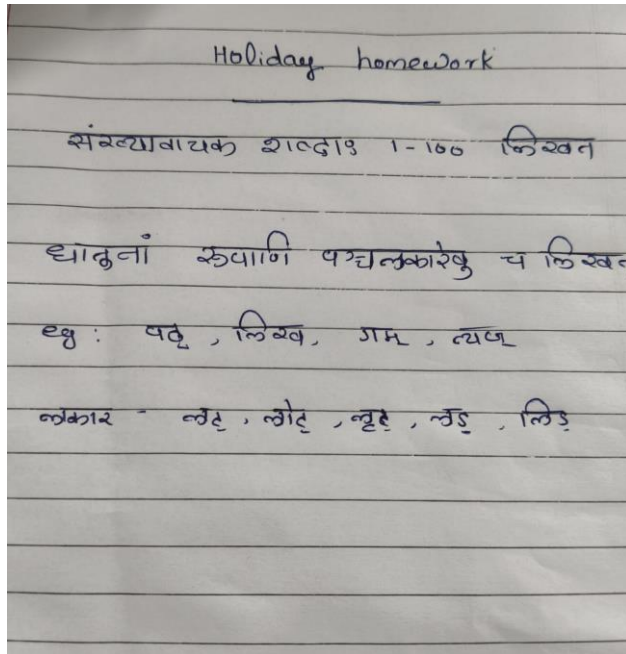
Active & Passive Voice

(Write in English cw note).

Hindi



Sanskrit



Social science

Subject Enrichment Activity:

What is the scope of Social Science? Explain.

Explain the structure of the atmosphere with the help of a diagram.