



Summer Vacation
Holiday Homework
For Class IX Session
(2024-25)



HOLIDAY HOMEWORK

"A Vacation is having
nothing to do and all
day to do it in"



1. "Margie hated school, but now she hated it more than ever."

The reasons for hating the school could be innumerable—a curriculum that does not support the learner's interest, partiality by the teacher, peer pressure and lack of coordination between the coordinators and teachers.

Deliberate on some strategies that a school can adopt to make the learner more responsive and the learning more interesting and a student like Margie could have loved school in the present age.

2. Write a descriptive paragraph about the famous scientist Dr. A. P. J. Abdul Kalam including the following points:

- Interesting introduction.
- What made him famous?
- Things to learn from him.
- His education and family.
- Why do you like him?

Note : Complete the assigned task in your English Grammar notebook.



प्रश्न 1. समास और उसके भेदों का कलात्मक ढंग से A4 शीट पर चार्ट बनाइए।

प्रश्न 2. दो बैलों की कथा का सारांश लगभग 100 शब्दों में लिखिए।

1) Construct the square root

Spiral.



2) Express the following in the
form of $\frac{p}{q}$





, where p and q are integers and
 $q \neq 0$.



(i) $1.373737\dots$ (ii) $0.010101\dots$

3) Represent $\sqrt{7.3}$ on the
number line.




Note-Do the assigned work in
class work copy.


$t = \frac{s}{v}$

 $p = \frac{F}{S}$









$\alpha = \frac{F}{m}$



Physics


 $I = \frac{E}{R+r}$



$E = mc^2$

 $T = 2\pi\sqrt{\frac{l}{g}}$

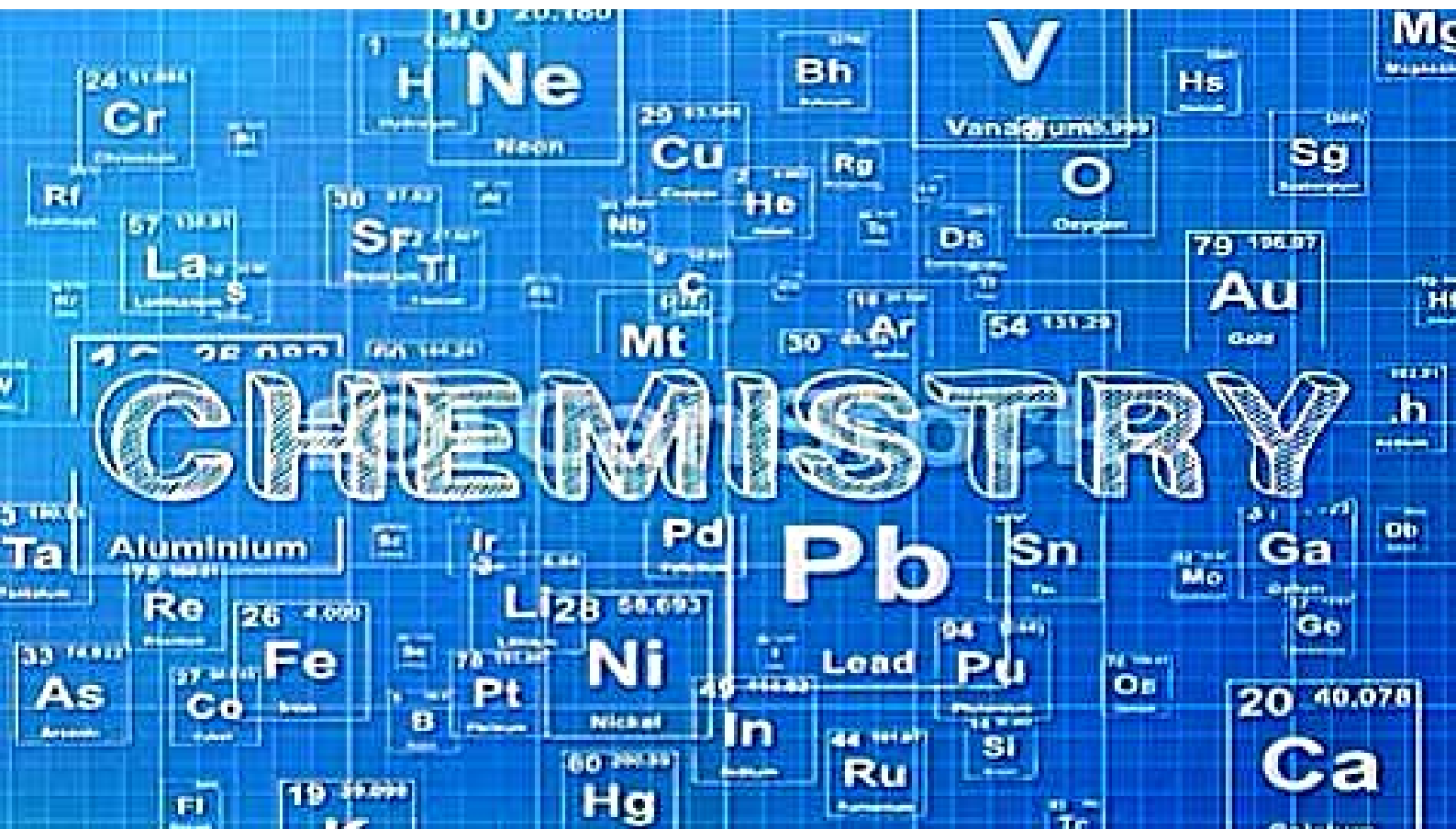

 $I = \frac{U}{R}$


1. What would be acceleration of a body if its velocity-time graph is a straight line parallel to the time axis.

2. Distinguish between speed and velocity.

3. What is the nature of the distance- time graph for uniform and non uniform motion of an object?

Note-Do the assigned work in your class work copy.



1. Solid ice floats on water. Justify the statement.

2. What are the essential requirements of a substance to be categorised as a matter ?

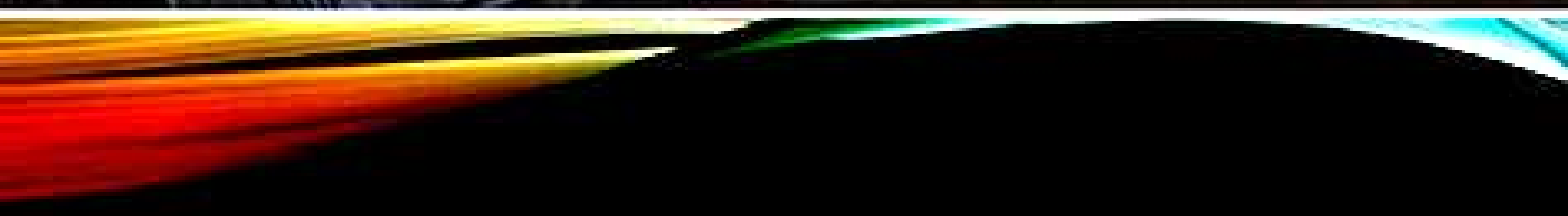
3. Comment on the following statements:

(a) Evaporation produces cooling.

(b) Sponge though compressible is solid.

Note- Do your assigned work in your class work copy.

Biology

A decorative flourish consisting of several overlapping loops and curves, rendered in a light, sketchy style, positioned below the word 'Biology'.

Make a neat and labelled diagram of any five organelles of eukaryotic cell and describe their functions in your biology notebook.



PROJECT WORK-(Disaster Management)

NOTE: Do the project work on a file on the following topics according to Roll Number.

Topics	Roll Number
1. Flood	01-06
2. Fire	07-12
3. Biological Disaster	13- 18
4. Earthquake	19-24
5. Cyclone	25- 30
6. Road Accident	31- 36
7. Train Accident	36- Onwards

INFORMATION TECHNOLOGY



1. Give the answer of the following questions:

A. Name some areas where the application of IT and its tools have made a useful impact.

B. Write in detail about BPO INDUSTRY and BPM INDUSTRY

2. Write Pros and Cons about Verbal, Non-verbal, Written and Visual communication

Note: Do your work in Lab Manual

Happy Summer Holidays.

Enjoy the summer
with your close ones.

