## ENGLISH

1. Give any five news items on the given issues. Paste them in a project file and comment on any two in 120-150 words.
> Environmental issues
> Technological Development
> Women centric Issues
2. Write any three stories written by 'Ruskin Bond'


## ENGLISH LANGUAGE \& LITERATURE

In order to enhance the Listening and Speaking competencies for internal Assessment as per CBSE guidelines, Students need to prepare a speech on the given topics according to their Roll no.(200 words)

| S.NO | TOPIC | ROLL NO. |
| :---: | :---: | :---: |
| 1. | Importance of learning <br> through experience | $1,6,11,16,21,26,31,36,41$ |
| 2. | Punctuality versus <br> Procrastination. | $2,7,12,17,22,27,32,37,42$ |
| 3. | Importance of smart phone | $3,8,13,18,23,28,33,38,43$ |
| 4. | Handling peer pressure | $4,9,14,19,24,29,34,39,44$ |
| 5. | importance of media | $5,10,15,20,25,30,35,40,45$ |

## HINDI

1. विद्यालय द्वारा ले जाए गए शैक्षिक भ्रमण का वर्णन करते हुए अपने प्रिय मित्र को पत्र लिखिए।
2. नैतिक शिक्षा पर आधारित प्रेरणादायक कहानी अथवा कविता लिखिए।

## ART INTEGRATED

students have to write about the traditional dresses of Nagaland in detail and paste pictures also in project file.

## SCIENCE

1. Draw the following diagrams on chart paper according to the Roll Number.

| S.no. | Topic | Roll no. |
| :---: | :---: | :---: |
| 1 | Animal Cell | $1,6,11,16,21,26,31,36,41$ |
| 2 | Plant Cell | $2,7,12,17,22,27,32,37,42$ |
| 3 | Prokaryotic Cell (Bacterial cell) | $3,8,13,18,23,28,33,38,43$ |
| 4 | Nerve Cell (From the chapter Tissues) | $4,9,14,19,24,29,34,39,44$ |
| 5 | Sublimation of Ammonium chloride | $5,10,15,20,25,30,35,40,45$ |

## SOCIAL STUDIES

As per the directives of CBSE students of Class IX have to prepare a project on Disaster Management.
> Choose any four disaster of your choice.
> Eg : Earthquake, Tsunami, Drought, Flood Global warming, Terrorism, Climatic charges in Bikaner
> The students are requested to do a case study on the topic of their choice from the above list.
$>$ The project has to be presented in the following manner.

- Introduction
- Causes
- Impacts



## Note : The project should not exceed more than 8 pages \& make it very innovative.

## YOGA

Record a video doing five yogasana by yourself along with their names and your introduction in PPT format.


## MATHEMATICS

## Coordinate Geometry

1. If the abscissa of any point is zero then that point will lie :
(a)on X-axis
(b) on $Y$-axis
(c) at origin
(d) None of these
2. The point $(-2,-1),(1,0),(4,3)$ and $(1,2)$ are the vertices of a:
(a)Rectangle
(b) Parallelogram
(c) Square
(d) Rhombus
3. The abscissa of a point is distance of the point from :
(a)X-axis
(b) Y-axis
(c) Origin
(d) None of these
4. If both coordinates of any point are negative then that point will lie in :
(a) First quadrant
(b) Second quadrant
(c) Thirst quadrant
(d) Fourth quadrant
5. Write the distance of points $P(2,1)$ from the $y$-axis.
6. What is the mirror image of the point $(2,5)$ in $x$-axis?
7. What is the mirror image of the point $(2,5)$ in $y$-axis?
8. What will be the general form of any point on the $y$-axis?
9. Find the reflection of the point $(-3,-2)$ in $y$-axis.
10. (a) Plot the points $A(-5,3), B(3,3) C(3,0)$ and $D(-5,0)$ in the Cartesian plane.]
(b) Name the figure ABCD.
11. Write ordinates of following points : $(3,4),(4,0),(0,4),(5,-3)$
12. Draw a quadrilateral $A B C D$ whose vertices are $A(3,2), B(2,3), C(-4,5)$ and $D(5,-3)$ on a graph paper. Are the points $(3,2)$ and $(2,3)$ same ? Give reason for your answer.
13. Draw a quadrilateral whose vertices are (3.2), ( $-3,2$ ), ( $-3,-2$ ) and ( $3,-2$ ) by plotting them on a graph paper.
14. In which quadrant or on which axis do each of the points $(-2,4),(3,-1),(-1,0),(1,0),(1,2)$, $(-3,-5)$ and $(0,-1)$ lie?
15. Three vertices of a rectangle are $(3,2),(-4,2)$ and $(-4,5)$. Plot these points and find the coordinates of the fourth vertex. Also write the quadrants of each point.
16. Plot the following points on the graph paper $A(-3,-4), B(-2,0), C(-1,4), D(1,0)$ Name the quadrant or axes in which these points lie.
17. Plot the following points, join them in order and identify the figure these formed. $A(1,3)$, $B(1,-1) C(7,-1)$ and $D(7,3)$
18. What are the signs of the abscissa and ordinate of a point in the second quadrant?
19. Name the quadrant in which a point whose both coordinates are negative lie.
20. Points $A(5,3), B(-2,3)$ and $D(5,-4)$ are three vertices of a square $A B C D$. Plot these points on a graph paper and hence find the coordinates of the vertex $C$.
21. Plot the points $A(1,-1)$ and $B(4,5)$.
(a)Draw a line segment joining these points. Write the mid point of this line segment.
(b) Find ordinates of $A$ and $B$
22. Draw a parallelogram $A B C D$ on the graph paper whose vertices are $A(-2,8), B(-1,7)$, $C(1,3)$ and $D(3,-1)$ respectively.
