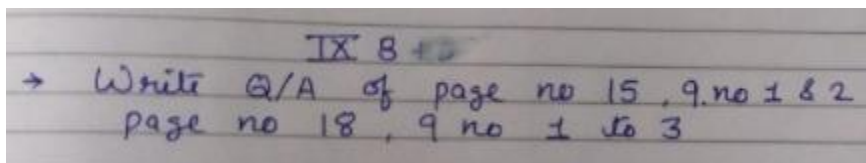Class – IX   Subject- English

1. Write article on any 3 topics of your own choice about 150- 200 words.
2. Write the structure of Tense with examples.
3. Answer the following questions:
   a. Compare and Contrast the futuristic schools in the story ' The Fun they Had ' with the schools of today . Do you think the futuristic schools will be a reality?
   b. What inspiration do you get from the life of Evelyn? According to you ,what were the most important factors that helped Evelyn in her life?
   c. Strong determination, motivation and right direction helped Bismillah khan in being what he was. Do you agree ? How important are these characteristic traits in our life?

Sub Hindi

1. दो बैलों की कथा, लहासा की ओर इन , साखी एवं शब्द , वाख पाठों के प्रश्न उत्तर याद करें एवं ललखें। 2. 2. कोववड-19 का हमारे जीवन पर प्रभाव या प्रकृति के प्रति हमारा दातयत्व पर एक संक्षिप्ि लेख ललखें।

Sub Science

Biology Make a table containing list of cell organelle, their location and function in 3 different column. Learn it.

Std – IX A, C.   (Geography)

1. Complete your copy.
   (Write down the Q/A given in your copy of chap 1)
2. Learn the Q/A of chap 1.
3. On an outline political map of India show :-
   a. States (28)
   b. Union Territories (09)
   c. Our neighbours – Pakistan, Afganisthan, Nepal, Bh
               China, Myaunmar, Bangladesh,
               Srilanka and Maldives.

HOLIDAY HOME-WORK

Class – IX A,B,C,D
Subject :- Political Science
i) Do Q/A of Ch-1,2 in Cw copy.
ii) Prepare a list of Merits & Demerits of
    democracy in a chart paper.

1. Write in your copy short / very short answer of chapter 1 to 3
2. Prepare 10 - 10 MCQ from each chapter based on CBSE QUESTION PAPERS
3. LEARN THE NOTES BY HEART

Holiday Home work of mathematics (IXC)

Write and Learn total 50 formulas/Definitions from the chapters

1. Number system
2. Polynomial
3. Co- ordinate geometry
4. Lines and angles

Class IX A

Revise the sums of chapter 2,6,7 and write in A-4 size paper activity-1 – the square root spiral and activity-2 – congruent triangles.

==IX D==

1. Every whole number is a natural number write true or false.

2. If $x = \dfrac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}$ and $y = \dfrac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$, find the value of $x^2 + y^2 + xy$.

3. If $x = \dfrac{2-\sqrt{5}}{2+\sqrt{5}}$ and $y = \dfrac{2+\sqrt{5}}{2-\sqrt{5}}$, find the value of $x^2 - y^2$.

4. Determine rational numbers p and q if
$$\dfrac{7+\sqrt{5}}{7-\sqrt{5}} - \dfrac{7-\sqrt{5}}{7+\sqrt{5}} = p - 7\sqrt{5}\,q.$$

5. Simplify: $\dfrac{6}{2\sqrt{3}-\sqrt{6}} + \dfrac{\sqrt{6}}{\sqrt{3}+\sqrt{2}} - \dfrac{4\sqrt{3}}{\sqrt{6}-\sqrt{2}}$.

6. Simplify: $\dfrac{3\sqrt{2}}{\sqrt{6}-\sqrt{3}} + \dfrac{2\sqrt{3}}{\sqrt{6}+2} - \dfrac{4\sqrt{3}}{\sqrt{6}-\sqrt{2}}$.

7. Show that:
$$\dfrac{1}{3-\sqrt{8}} - \dfrac{1}{\sqrt{8}-\sqrt{7}} + \dfrac{1}{\sqrt{7}-\sqrt{6}} - \dfrac{1}{\sqrt{6}-\sqrt{5}} + \dfrac{1}{\sqrt{5}-2} = 5$$

8. If: $x = \dfrac{\sqrt{p+q}+\sqrt{p-q}}{\sqrt{p+q}-\sqrt{p-q}}$, then find the value of $qx^2 - 2px + q$.

9. Show that: $\dfrac{x^{-1}+y^{-1}}{x^{-1}} + \dfrac{x^{-1}-y^{-1}}{x^{-1}} = \dfrac{x^2+y^2}{xy}$

10. If $2^a = 3^b = 6^c$ then show that $c = \dfrac{ab}{a+b}$.

Question-11

Factorise each of the following expressions.

(i) $25x^2y^2 - 20xy^2z + 4y^2z^2$

(ii) $4x^2 - 4\sqrt{7}x + 7$

(iii) $\frac{a^2}{b^2} + 2 + \frac{b^2}{a^2}$

(iv) $4a^2 + 12ab + 9b^2 - 8a - 12b$

Question-12

Factorise

(i) $25x^2 - 36y^2$
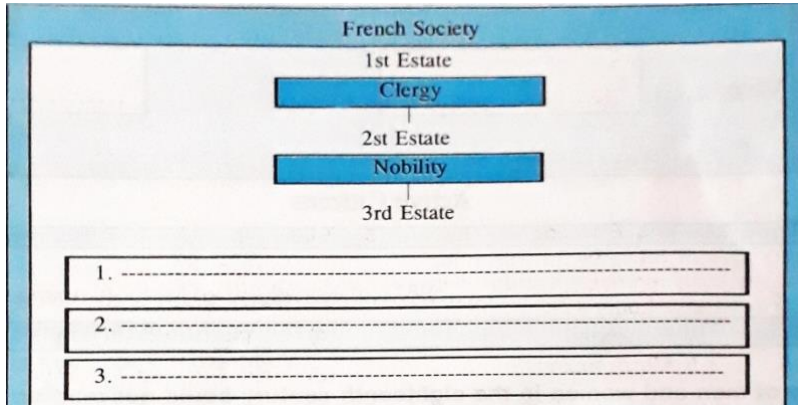
(ii) $2ab - a^2 - b^2 + 1$

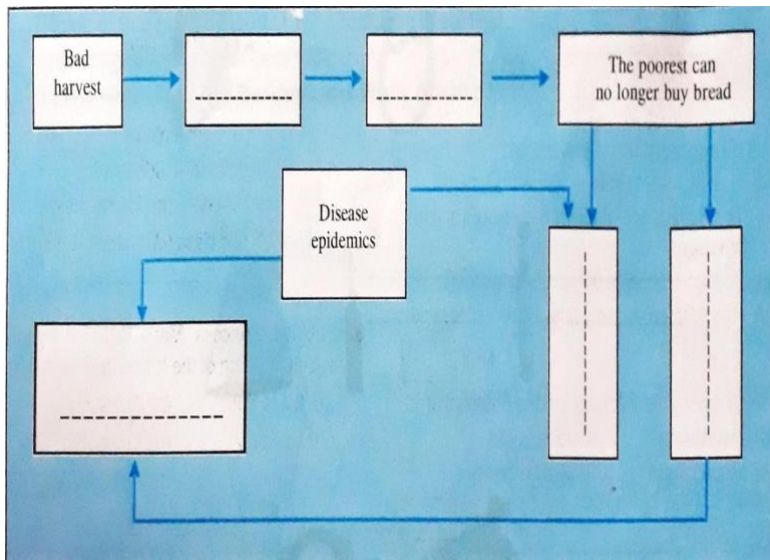(iii) $36a^2 - 12a + 1 - 25b^2$

(iv) $a^4 - 81b^4$

(v) $a^{12}b^4 - a^4b^{12}$

(vi) $4x^2 - 9y^2 - 2x - 3y$

Q1. Study the diagram and write about the Third Estate in French society.

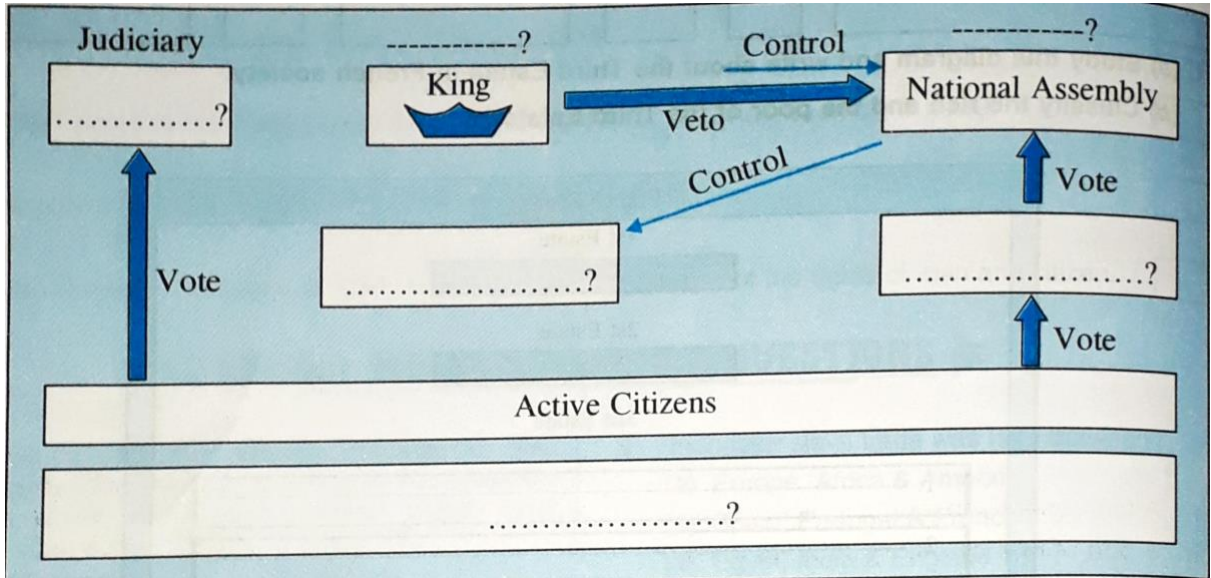Q2. Fill in the blank boxes with appropriate terms from the following word box.

TERMS. (a) Weaker bodies

(b) food riots,

(c) scarcity of grain

(d) increased number of deaths

(e) rising food prices

Q3. Complete the following diagram using the terms given below.

TERMS: (a) Executive   (d) Judge

(b) Legislature   (e) Electors

(c) Passive Citizens   (f) Ministers
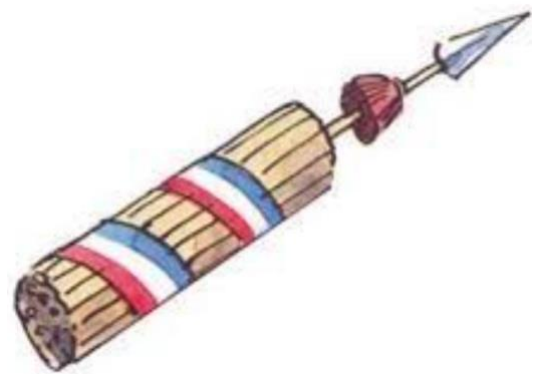
THE POLITICAL SYSTEM UNDER THE CONSTITUTION OF 1791.

Q4. The majority of men and women in the eighteen century could not read or write. Therefore, images and symbols were often used instead of printed word to communicate important ideas. Identify these images/symbols and explain their significance.
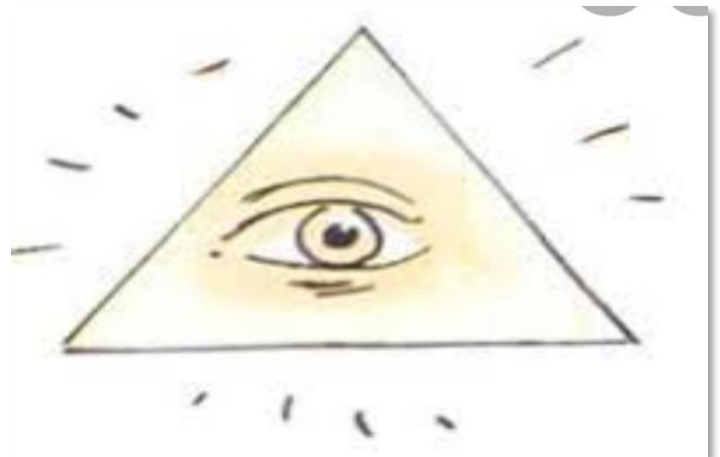
1

2.

3.

4.

Q5. Match Column A with B.

COLUMN A	COLUMN B
(a) Tithe	(1)An estate consisting of lord's lands and his mansion.
(b) Treason	(2) Unit of currency in France, discontinued in 1794.
(c) Old Regime	(3) Castle or Stately residence belonging to a king or a nobleman.
(d) Chateau	(4) A tax levied by the Church.
(e) Livre	(5) The term used to describe the society and institutions of France before 1789.
(f) Manor	(5) Betrayal to one's country.

Q6. Define the following terms.

(a) Clergy
(b) Tithe
(c) Subsistence crisis
(d) Negroes

NOTE: Students must complete their homework in class work copy only. No other copies will be accepted.