

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK- SUMMER VACATION 2022 FOR CLASS X

English:

INSTRUCTIONS FOR COMPILATION OF HOLIDAY HOMEWORK :

1. Update your CW notebook. Complete all your pending Class Work / HW Q/A, Word Meanings, Notes etc
2. **Do all the following, questions in English Home-Work Notebook only.**
HW notebook is to be submitted for checking on the day the school reopens after vacation. A copy of this assignment page should be pasted in the Holiday Home-work notebook.

FOOTPRINTS WITHOUT FEET. (Supplementary Reader)

Do self study of Chapters marked . .

Write down Central theme, Message, Value points of each chapter & Solve the questions given below.

CH .3. The Midnight Visitor

1. What made the story of the balcony so convincing?
2. How did Max go out of Ausable's room to save himself from the police?
3. How did Ausable kill Max without using a weapon?
4. How and why did Max come inside Ausable's room?
5. How was Ausable different from the other secret agents?

CH .4.A Question of Trust.

- 1.What did Horace Danby hear from the doorway?
- 2.How did the lady in red convince Horace Danby to open the lock?
- 3.Was Horace Danby a typical thief?
- 4.What advice did the lady give Horace Danby about his. hay fever?
- 5.Why did Horace Danby feel sure of his success in that year's robbery?

CH-5 Footprints without Feet

- 1.Why were the two boys in London surprised and fascinated?
- 2.What did Griffin do inside the store?.
- 3.What was the "curious episode" that took place in the clergyman's study?
- 4.The landlord's wife was convinced that Griffin was an "eccentric scientist". What made her think of Griffin in these terms?.
- 5.How do you assess Griffin as a scientist?

CH-6.The Making of a Scientist

- 1.Why did viceroy butterflies copy monarchs?
- 2.Why did Richard Ebright give up tagging butterflies?
- 3.What are the ingredients in the making of a scientist?
- 4."But there was one thing I could do-collect things". What collection did Ebright make? When did he start making collection?
- 5.How did Richard Ebright's mother help him to become a scientist?

CH-7. The Necklace

- 1.How did the Loisels react when they realised that the necklace had been lost?
- 2.What had Matilda's husband saved the money for? Why did he then part with his savings?
- 3.What was the cause of Matilda's ruin? How could she have avoided it?
- 4.What did Mme. Forestier tell Matilda about the reality of her Necklace?
- 5.What changes came into the life of Loisels after the necklace was lost?

Hindi:

1. बाल गोबिन भगत पाठ में बाल गोबिन भगत के व्यक्तित्व का वर्णन किया है। साथ ही उनके अराध्य कबीर का वर्णन भी किया गया। उनसे प्रेरणा लेते हुए कबीरदास की शिक्षाओं एवं ब्राह्मणधर्मों के विरोध से सम्बन्धित दोहों को लिखकर उनका भावार्थ लिखिए।
 2. सूरदास सगुण भक्तिधारा के कवि हैं। उनकी रचनाओं में कृष्ण की बाल लीलाओं का सुन्दर चित्रण मिलता है। सूरदास की भाषा उनकी रचनाओं की विशेषता का वर्णन करते हुए एक परियोजना कार्य कीजिए। अपनी रचना को सुन्दर बनाने के लिए आप रंगों व चित्रों का भी प्रयोग करें।
 3. तुलसीदास द्वारा रचित सीता स्वयंवर सम्बन्धी जानकारी एकत्रित करके चित्रों और रंगों के माध्यम से परियोजना तैयार कीजिए।
 4. वाक्यों में रेखांकित पदों का पद परिचय दीजिए—
 - 1) वह दरवाजे से बाहर आया।
 - 2) इसमें क्या सामान है।
 - 3) तुम किस आदमी का किस्सा सुना रहे हो।
 - 4) पिता जी को प्यास लग रही है, एक गिलास पानी दे आओ।
 - 5) गीता वहाँ चौथे घर में रहती है।
 5. निर्देशानुसार परिवर्तन कीजिए—
 1. मैं चलते-चलते थक गयी। (वाक्य का भेद)
 2. उससे कुर्सी पर बैठा तक न गया। (कर्तृवाच्य)
 3. मैं चल नहीं सकती। (भाववाच्य)
 4. लड़कियों ने स्टेज पर डांस किया। (कर्मवाच्य)
 5. प्रधानमंत्री ने उद्घाटन किया। (कर्मवाच्य)
- 6) आज की खबर है कि सोना सस्ता हो गया।
 - 7) पिता जी मोना को कुछ देना चाहते हैं।
 - 8) चलती गाड़ी से मत उतरना।
 - 9) मीरा नौकर से काम करवा रही है।
 - 10) वह दसवीं कक्षा का विद्यार्थी है।

6. खिड़की से मत झाँको। (भाववाच्य)
7. चलिए घूमने चलते हैं। (भाववाच्य)
8. सामान चुरा लिया गया। (कर्तृवाच्य)
9. मकान खाली हो गया। (कर्तृवाच्य)
10. आओ अब बैठते हैं। (वाच्य का भेद)

Note : सम्पूर्ण कार्य आन्तरिक मूल्यांकन के अन्तर्गत जाँचा जायेगा।

Mathematics

Note:

i) **The Holiday Hw Has To Be Done In The Maths Hw Notebooks.**

ii) **Use The Graph Sheets Wherever Required. CHAPTER : REAL NUMBERS**

1. Find the largest number, which divides 246 and 1030 leaving remainder 6 in each case.
2. Any army contingent of 616 members is to march behind an army band of 32 members in a parade. The two groups are to march in the same number of columns. What is the maximum number of columns in which they can march?
3. There are 156, 208 and 260 students in groups A, B and C respectively. Buses are to be hired to take for a field trip. Find the minimum number of buses to be hired, if the same number of students should be accommodated in each bus and separate bus for separate group is needed.
4. A sweet seller has 420 kaju burfis and 150 badam burfis. He wants to stack them in such a way that each stack has the same number, and they take up the least area of the tray. How many of these can be placed in each stack? How many stacks are formed?
5. Find the greatest number which divides 699, 572 and 442 leaving remainders 6, 5 and 1 respectively.
6. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10, 12 min respectively. In 30 hours, how many times do they toll together?
7. Find the H.C.F and L.C.M of the following by prime factorization method:
(i) 12, 18 and 24 (ii) 15, 25 and 45
8. The L.C.M of two numbers is 192 and their product is 3072. Find the H.C.F of two numbers.
9. Prove that $\sqrt{5}$ is irrational.
10. Show that $5 - 3\sqrt{2}$ is an irrational number.
11. The HCF and LCM of two numbers are 9 and 360 respectively. If one number is 45, write the other number.
12. Explain whether the number $3 \times 5 \times 13 \times 46 + 23$ is a prime number or a composite number.
13. If HCF of 144 and 180 is expressed in the form $13m - 3$, find the value of m.

CHAPTER : POLYNOMIALS

1. Find the product of zeroes of the quadratic polynomial $3x^2 + 5x - 2$.
2. If 1 is a zero of the polynomial $p(x) = ax^2 - 3(a-1)x - 1$, then find the value of a.
3. Find the zeroes of the quadratic polynomial $4x^2 - 6 - 8x$ and verify the relationship between the zeroes and the coefficients of the polynomial.
4. Find the zeroes of the quadratic polynomial $3x^2 - 2$ and verify the relationship between the zeroes and the coefficients.
5. On dividing $x^3 - 8x^2 + 20x - 10$ by a polynomial $g(x)$, the quotient and the remainder were $x - 4$ and 6 respectively.
6. If $x = 0$ and $x = 2$ are zeros of $(x) = 2x^3 - 5x^2 + ax + b$, find the values of 'a' and 'b'.
7. Find the zeroes of the following quadratic polynomial and verify the relationship between the zeroes and the coefficients.
(i). $6x^2 - 7x - 3$ (ii). $x^2 + 5x + 6$ (iii). $y^2 - 4\sqrt{3}y - 15$ (iv). $4x^2 + 5\sqrt{2}x - 3$
8. Find a quadratic polynomial, the sum and product of whose zeroes are $\sqrt{2}$ and $-\frac{3}{2}$ respectively.
9. Find the zeroes of the quadratic polynomial $f(x) = ax^2 + (b^2 - ac)x - bc$ and verify the relationship between the zeroes and its coefficients.
10. If one of the zeroes of the quadratic polynomial $(k-1)x^2 + kx + 1$ is -3, then the value of k.

CHAPTER : PAIR OF LINEAR EQUATION IN 2 VARIABLES

1. Solve for x and y:
 - i. $\frac{2}{x} + \frac{3}{y} = \frac{9}{xy}$; $\frac{4}{x} + \frac{9}{y} = \frac{21}{xy}$ ($x \neq 0, y \neq 0$)
 - ii. $\frac{1}{7x} + \frac{1}{6y} = 3$; $\frac{1}{2x} - \frac{1}{3y} = 5$ ($x \neq 0, y \neq 0$)
 - iii. $\frac{5}{x+1} - \frac{2}{y-1} = \frac{1}{2}$; $\frac{10}{x+1} + \frac{2}{y-2} = \frac{5}{2}$ ($x \neq -1$ and $y \neq 1$)
2. Solve for x and y:
 - (i). $2x + y = 7, 4x - 3y + 1 = 0$. (ii). $11x + 15y + 23 = 0, 7x - 2y - 20 = 0$.
 - (iii). $2x - 3y = 13, 7x - 2y = 20$. (iv). $2x - \frac{3}{4}y = 3, 5x = 2y + 7$.
 - (v). $37x + 43y = 123, 43x + 37y = 117$. (vi). $41x - 17y = 99, 17x - 41y = 75$.
3. Find the value of k, so that the following system of equations has no solution:
 - i. $x - 2y = 3$; $3x + ky = 1$
 - ii. $3x + y = 1$; $(2k - 1)x + (k - 1)y = (2k - 1)$
 - iii. $(3k + 1)x + 3y - 2 = 0$; $(k^2 + 1)x + (k - 2)y - 5 = 0$.
4. For what value of k, the following pair of linear equations has infinite number of solutions:
 - i. $kx + 3y = (2k + 1)$; $2(k + 1) + 9y = (7k + 1)$
 - ii. $2x + 3y = 2$; $(k + 2)x + (2k + 1)y = 2(k - 1)$

- Find two numbers such that their sum is 50 and difference is 10.
- The sum of the digits of a two digit number is 12. The number obtained by interchanging the two digits exceeds the given number by 18. Find the number.
- If 1 is added to both the numerator and denominator of a given fraction, it becomes $\frac{4}{5}$. If however, 5 is subtracted from both the numerator and denominator, the fraction becomes $\frac{1}{2}$. Find the fraction.
- The present age of a woman is 3 years more than three times the age of her daughter. Three years hence, the woman's age will be 10 years more than twice the age of her daughter. Find their present ages.
- Points A and B are 90 km apart from each other on a highway. A car starts from A and another from B at the same time. If they go in the same direction they meet in 9 hours and if they go in opposite directions they meet in $\frac{9}{4}$ hours. Find their speeds.
- A boat covers 32 km upstream and 36 km downstream in 7 hours. In 9 hours, it can cover 40 km upstream and 48 km downstream. Find the speed of the train and that of the boat in still water.

CHAPTER : COORDINATE GEOMETRY

- Find the distance of the points (6, -6) from origin.
- Find the distance between the points R(a+b, a-b) and S(a-b, -1-b)
- Find the point on x-axis which is equidistant from (2, -5) and (-2, 9).
- Show that the points (-2, 5), (3, -4) and (7, 10) are the vertices of a right angled isosceles triangle.
- Find a relation between x and y if the points (x, y), (1, 2) and (7, 0) are collinear.
- Find the point on y axis which is equidistant from the points (5, -2) and (-3, 2)
- If the points A(4, 3) and B(x, 5) are on the circle with the centre O(2, 3) find the value of x.
- Find the ratio in which line segment joining the points (6, 4) and (1, -7) is divided by x-axis. Also find the coordinates of the points of division.
- In what ratio does the line x-y-2=0 divide the line segment joining (3, -1) and (8, 9)? Also find the coordinates of the point of intersection. Ans-(2:3)(5, 3)
- Three consecutive vertices of a parallelogram are (-2, -1), (1, 0) and (4, 3). Find the coordinates of the fourth vertex.

CHAPTER: TRIGONOMETRY

- If $\sec x = 3/5$ and $\cos y = 12/13$: evaluate:
 - $\sec^2 x$
 - $\tan x + \tan y$
- If $\tan A = 4/3$, then prove that: $\sqrt{\frac{1-\sin A}{1+\sin A}} = 1/3$
- Given that: $\tan \theta = \frac{a}{b}$, find the values of $\frac{a \sin \theta - b \cos \theta}{a \sin \theta + b \cos \theta}$.
- Prove the following identities:
 - $(1 + \cot^2 A)(\sin^2 A) = 1$
 - $\frac{\sin \theta}{1 + \cos \theta} + \frac{1 + \cos \theta}{\sin \theta} = 2 \operatorname{cosec} \theta$
 - $\frac{\sin A}{1 + \cos A} = \operatorname{cosec} A - \cot A$
 - $\frac{\cos \theta}{1 + \operatorname{cosec} \theta} + \frac{\cos \theta}{\operatorname{cosec} \theta - 1} = 2 \tan \theta$
 - Prove that:
 - $\frac{\tan \theta + \sec \theta}{\tan \theta - \sec \theta} = \frac{\sin \theta + 1}{\sin \theta - 1}$
 - $\frac{\sin \theta}{1 - \cot \theta} + \frac{\cos \theta}{1 - \tan \theta} = \cos \theta + \sin \theta$
 - $\sin A(1 + \tan A) + \cos A(1 + \cot A) = \sec A + \operatorname{cosec} A$
 - Prove that: $\sqrt{\frac{1 - \cos A}{1 + \cos A}} = \frac{\sin A}{1 + \cos A}$
 - Prove that: $(\sin A + \cos A)(\tan A + \cot A) = (\sec A + \operatorname{cosec} A)$
 - Prove that: $\frac{\tan A + \sec A - 1}{\tan A - \sec A + 1} = \frac{1 + \sin A}{\cos A}$
 - $\frac{\sec A - 1}{\sec A + 1} = \frac{1 - \cos A}{1 + \cos A}$
 - $\frac{\sin \theta \tan \theta}{1 - \cos \theta} = 1 + \sec \theta$
 - $\frac{\cos A}{1 + \sin A} + \tan A = \sec A$
 - $\frac{\tan^2 \theta}{(\sec \theta - 1)^2} = \frac{1 + \cos A}{1 - \cos A}$
 - $\frac{\tan \theta}{1 - \cot \theta} + \frac{\cot \theta}{1 - \tan \theta} = \sec \theta \cdot \operatorname{cosec} \theta + 1$

SCIENCE PORTFOLIO: Prepare a Portfolio on any one concept of Chapter-16 "Sustainable Management of Natural Resources" from Science NCERT book.

Topics for the Science Portfolio are mentioned below. Students can select any one topic out of the following.

- Pollution of Ganga river and Ganga Action Plan
- Sustainable Management of our Natural Resources
- Conservation and Judicious Use of Natural Resources
- Forest and Wild life
- Management of Coal and Petroleum
- Examples of People's Participation for the Conservation of Forests
- Big Dams: Advantages and Limitations
- Water harvesting
- Watershed Management

10) Sustainability of Natural Resources.

Instructions:

- (i) The portfolio should be neatly handwritten in A-4 size Project sheets.
- (ii) All the pages should have borders.
- (iii) The portfolio should be of 8-10 pages.
- (iv) The portfolio should have a Cover page showing Title of the portfolio, Subject, Student's Name and Class, Father's Name, Mother's Name, Name of school and Academic Session.
- (v) Credit will be awarded to the original drawings, illustrations and creative use of materials.
- (vi) All pictures should be labelled and acknowledged.
- (vii) Check the relevant web sites, You Tube Channels and books for preparing the portfolio.

Physics :

Instructions :

- i) All the questions are to be done in Physics Homework Notebook.**
- ii) Work should be neat and presentable.**

- Q1. What is meant by electric current? Name and define its SI unit. In a conductor, electrons are flowing from B to A. What is the direction of conventional current? Give justification for your answer. A steady current of 1A flows through a conductor. Calculate the number of electrons that flow through any section of the conductors for 1 second. (Charge on electron = $1.602 \times 10^{-19} \text{ C}$)
- Q2. The resistance of a wire of 0.01 cm radius of 5Ω . If resistivity of the material of wire is $50 \times 10^{-8} \text{ ohm}$. Find the length of the wire them.
- Q3. a) Define power what is SI unit of power?
b) How and on what factors the heat product in the conductor depends.
- Q4. a) Name two appliance each in which heating effect is (a) desirable (b) not desirable
b) How is resistance affected if length of a conductor is tripled and thickness is made one – third?
- Q5. A concave mirror produces three times minified real image of an object placed at 10 cm in front of it. Where is the image located?
- Q6. The linear magnification produced by a spherical mirror is $-1/5$. Analysing this value, state :
a) The type of spherical mirror.
b) Position of object with respect to pole of the mirror. Draw the ray diagram to justify your answer.
- Q7. Name the type of mirror used in the following situations:
a) Head light of car
b) Side/ rear- view
c) Mirror of a vehicle
- Q8. Rohit placed a pencil perpendicular to the principal axis in-front of a converging mirror of focal length 30cm. The image formed is twice the size of the pencil. Calculate the distance of the object from the mirror.
- Q9. The image of an object formed by mirror is real, inverted and is of magnification -1 . If the image is at a distance of 40cm from the mirror, where is the object Placed? Where should the image be if the object is moved 20 cm towards the mirror? State the reason and also draw the ray diagram for the new position of the object to justify your answer.
- Q10. The refractive indices of glass and water with respect to air are $3/2$ and $4/3$ respectively. If speed of light in glass is $2X$ 108 m/s. Find the speed of light in water.
- Q11. State giving reason in each case, how the speed of red light compares with the speed of blue light (i) vaccum (ii) glass
- Q12. A ray of light incident an rectangular glass slab inversed in any medium emerges parallel to itself. Draw a labelled diagram to justify this statement.
- Q13. The image of a candle flame placed at a distance of 30cm from a spherical lens is formed on a screen placed at a distance of 60cm from the lens. Identify the type of lens and calculate its focal length. If the height of the flame is 2.4cm. find the height of its image.
- Q14. An object 5 cm in length is held 25 cm away from a converging lens of focal length 10cm. Draw a ray diagram and find the position, size and the nature of the image formed.
- Q15. The power of a combination of two lenses X and Y is 4D. If the focal length of X is 12cm (i) calculate the focal length of lens Y (ii) Determine the nature of lens Y.
a) Define power of lens. The power of lens is +2D.
b) Find the focal length of the lens in Metre.
- Q16. Name the kind of lens. Explain with the help of figure whether this lens will be converge or a diverge of a beam of light.
- Q17. A 0.5 cm tall object is placed perpendicular to the principal axis of convex lens of focal length of 20cm. The distance of the object from the lens is 20cm. find the position, the size and nature of image formed.
- Q18. Why do stars seem higher than they actually are? Illustrate your answer with the help of a diagram.
- Q19. a) Out of blue light and red light, which one is scattered more easily?
b) Which component of sunlight is scattered away when the sun appears red at sunrise or sunset?
- Q20. Why does the sun appear red at sunrise and at sunset?

Chemistry : Instructions :

i) All the questions are to be done in Chemistry Homework Notebook.

ii) Work should be neat and presentable.

- Q1. Name the products formed on strongly heating ferrous sulphate crystals. What type of chemical reaction occurs in this change?
- Q2. Giving an example list two information which make a chemical equation more useful (informative).
- Q3. Explain electrolytic refining of Copper.
- Q4. State the type of chemical reactions and chemical equations that take place in the following:
- (i) Magnesium wire is burnt in air.
 - (ii) Electric current is passed through water.
 - (iii) Ammonia and hydrogen chloride gases are mixed.
- Q5. What is observed when a solution of potassium iodide solution is added to a solution of lead nitrate? Name the type of reaction. Write a balanced chemical equation to represent the above chemical reaction.
- Q6. Describe an activity to observe what happens when quick lime is added to water taken in a beaker. State two important observations and name the type of reaction taking place.
- Q7. Why does the colour of copper sulphate solution change when an iron nail is dipped in it? Write two observations?
- Q8. Hydrogen being a highly inflammable gas and oxygen being a supporter of combustion, yet water which is a compound made up of hydrogen and oxygen is used to extinguish fire. Why?
- Q9. A zinc plate was put into a solution of copper sulphate kept in a glass container. It was found that blue colour of the solution gets fader and fader with the passage of time. After few days, when zinc plate was taken out of the solution, a number of holes were observed on it.
- (i) State the reason for changes observed on the zinc plate.
 - (ii) Write the chemical equation for the reaction involved.
10. When you have mixed the solutions of lead(II) nitrate and potassium iodide,
- (i) what was the colour of the precipitate formed and can you name the precipitate?
 - (ii) write the balanced chemical equation for this reaction.
 - (iii) is this also a double displacement reaction?
11. Name the raw materials used in the manufacture of sodium carbonate by Solvay process.
12. Write equations for the following reactions
- (i) Dilute sulphuric acid reacts with zinc granules
 - (ii) Dilute hydrochloric acid reacts with magnesium ribbon.
 - (iii) Dilute sulphuric acid reacts with aluminum powder.
13. What will you observe when:
- (i) Red litmus is introduced into a solution of sodium sulphate.
 - (ii) Methyl orange is added to dil HCl.
 - (iii). Blue litmus is introduced into a solution of ferric chloride.
14. A first aid manual suggests that vinegar should be used to treat wasp sting and baking soda for bee stings.
- (a) What does this information tell you about the chemical name of the wasp sting?
 - (b) If there were no baking soda in the house, what other household substances would you use to treat as stings?
15. Explain why
- (a) Common salt becomes sticky during the rainy season.
 - (b) Blue vitriol change to white upon heating.
16. A compound X of sodium is commonly used in kitchen for making crispy pakoras. It is also used for curing acidity in the stomach. Identify 'X'. What is its chemical formula? State the reaction that takes place when it is heated during cooking?
17. How is plaster of Paris chemically different from gypsum? How may these be inter converted? Write one use of plaster of Paris?
18. (a) What is the action of red litmus on
- (i) Dry ammonia gas
 - (ii) Solution of ammonia gas in water?
- (b) State the observations you would make on adding ammonium hydroxide to aqueous solution of
- (i) ferrous sulphate
 - (ii) Aluminium chloride.
19. State the chemical property in each case on which the following uses of baking soda are based
- (i) As an antacid
 - (ii) As a constituent of baking powder.
- Give the chemical for baking soda.
20. Metal compound 'A' reacts with dilute hydrochloric acid to produce effervescence. The gas evolved extinguishes a burning candle. Write a balanced chemical equation for the reaction, if one of the compounds formed is calcium chloride.

Biology: Instructions :

i) All the questions are to be done in Biology Homework Notebook.

ii) Work should be neat and presentable.

- Q1. Draw a labelled diagram of a cross-section of a leaf.
- Q2. What are the events which occur during the process of photosynthesis?

- Q3. What are stomata? Give their functions.
- Q4. Draw a labelled diagram of human alimentary canal.
- Q5. Name the substances present in the gastric juice and give one function of each.
- Q6. What are the different ways in which glucose is oxidised to provide energy in various organisms?
- Q7. Draw a schematic diagram of sectional view of human heart.
- Q8. Give reasons for the following:
- Arteries are thick-walled.
 - The right and left side of the human heart are separated.
 - A proper system of transportation is essential in plants if the distances between soil-contacting organs and chlorophyll-containing organs are large.
- Q9. Explain, how are water and minerals transported in plants?
- Q10. Explain, how is food transported in plants?
- Q11. What are the components of the transport system in human beings? Give functions of these components.
- Q12. What are the methods used by plants to get rid of excretory products.
- Q13. (a) Draw a neat diagram of human excretory system and label on it- Left kidney, Aorta, Left Ureter, Urinary bladder, Urethra and Renal artery.
- (b) List four substances present in the initial filtrate which are selectively reabsorbed by the tubules of nephron.
- Q14. (a) Draw a labelled diagram of human respiratory system.
- (b) Differentiate between aerobic and anaerobic respiration.
- Q15. (a) Give a schematic representation of transport and exchange of oxygen and carbon-dioxide in our body.
- (b) Differentiate between arteries and veins.
- Q16. (a) Draw a labelled diagram of filtration unit of Kidney.
- (b) Compare the functioning of alveoli in lungs and nephrons in the kidneys with respect to their structure and functioning.
- Q17. Mention the receptors for light and sound in animals.
- Q18. What is reflex action? Explain with the help of an example?
- Q19. Draw a labelled diagram of human brain.
- Q20. Name the part of neuron (a) where information is acquired (b) through which information travels.

Social Science :

Prepare a project work on 'Consumer Rights' including a case study based on 'Amendment of Consumer Protection Act- 2019'

GENERAL INSTRUCTIONS :

- The total length of the project report should not be more than the 15 written pages or 700 words of A-4 size sheet.
- The project work should be hand written and credit will be given to original drawing.
- It should be presented in a neatly bound simple project file. The project should be developed and presented in the following order :
 - Cover page showing project title, student information, school and year.
 - List of contents with page number.
 - Certificate page
 - Acknowledgement
 - Summary and Conclusion
 - Bibliography

GUIDELINES FOR SUBMITTING THE PROJECT

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|---|---|
| a) Meaning of Consumer Rights | b) Explain Consumer Rights and Responsibilities |
| c) Any one Case Study based on Violation of Consumer Rights | d) Remedies given by appropriate Forum. |

Computer:

- Q1: Solve term1 sample paper available on CBSE website.
- Q2: Define the term Template. What are its use and ways of creating it.
- Q3: Explain Mail Merge.
- Q4: Explain Stress Management Techniques.
- Q5: What is text wrapping and its type?
- Q6: What are different categories of Styles in writer?
- Q7. Solve Question paper of UT1.
- Q8. What are the different types of communication?
- Q9. What is the purpose of feedback in communication?

French : From text book write the conjugation of all the verbs given at the back of the book. Conjugation will include following tenses:

1 Présent	2 L'imparfait	3 Passé compose	4 Futur simple	5 Subjonctif
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Conjugation of each and every verb has to be done in these tenses. Write these conjugation in a thick note book.