

Summer Vacation - Task 2024

History

Class – X

1. What factors led to a civil war in Sri Lanka?
2. Explain with examples the accommodative experience of Belgium for peace and harmony.
3. "Power is shared between different social groups". Comment on this statement with the help of one example.
4. Evaluate the power sharing system in India.
5. Describe federalism and its features.
6. How was the challenge of language policy was adopted by the Indian federalism?
7. Make a detailed note on the 8th schedule of the Indian constitution.
8. Describe any five steps taken to strengthen the local self-government by the constitutional amendments, 1992. Explain it.
9. Describe the three-fold distribution of legislative powers between the union government and state government. Make a table of subjects that comes under different lists.

SUMMER VACATION TASK 2024-25

SAINIK SCHOOL BHUBANESWAR

BIOLOGY

CLASS X

1. Why is small intestine in herbivores longer than in carnivores?
2. Define photolysis.
3. What will happen if mucus is not secreted by the gastric glands?
4. Most of the digestion and absorption takes place in the ____.
5. Two green plants are kept separately in oxygen-free containers, one in the dark and the other in continuous light. Which one will live longer? Give reasons.
6. List any 2 similarities between aerobic and anaerobic respiration.
7. Compare between the mode of nutrition in Amoeba and Paramecium.
8. We boil the leaf in alcohol when we are testing for starch. Give reason.
9. What is common for Cuscuta, Ticks and Leeches?
10. What are the different ways in which glucose is oxidised to provide energy in various organisms. Draw the flow chart from the textbook.
11. Draw the following labelled diagram from the textbook. Use pencil for both diagram and labelling.
 - (a) Cross- section of leaf
 - (b) Opening and Closing of Stomata
 - (c) Human digestive system
 - (d) Human respiratory system
12. Prepare any 20 multiple choice questions from the chapter "Life Process"
13. In a A4 size chart or art paper draw a poster on the given following topic: (any 1)
 - (a) Causes of Global warming
 - (b) Effects of Global warming
 - (c) Acid Rain
 - (d) Ozone depletion
14. Prepare a project on any one of the given following topics. (A4 size paper/ Chart paper/ PPT)

- (a) Scientists and their contribution especially in the field of life sciences from the state of Punjab and Odisha.
- (b) Compare the flora and fauna of Punjab and Odisha.
- (c) National park of Punjab and Odisha.
- (d) Wild life sanctuary of Punjab and Odisha.
- (e) Food habits and their nutritional value of Punjab and Odisha.
- (f) Types of crops grown in Punjab and Odisha.
- (g) Agricultural practices of Punjab and Odisha.
- (i) Animal domestication in Punjab and Odisha.

Pg. 1

PPT to be sent in the following email id:

radhikapati74@gmail.com

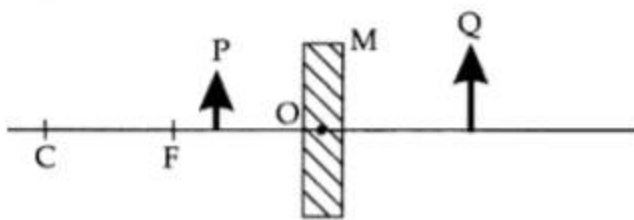
Sainik School Bhubaneswar

Vacation Assignment

Class-X
Physics

Sub-

1. A spherical mirror 'A' always forms an erect image of an object and another spherical mirror 'B' form erect as well as inverted image of an object. State with reasons the type of spherical mirrors 'A' and 'B' and draw ray diagrams showing formation of images to justify your answer.
2. A spherical mirror produces an image of magnification -1 on a screen placed at a distance of 50 cm from the mirror.
 - (a) Write the type of mirror.
 - (b) Find the distance of the image from the object.
 - (c) What is the focal length of the mirror?
 - (d) Draw the ray diagram to show the image formation in this case.
3. A student wants to project the image of a candle flame on a screen 60 cm in front of a mirror by keeping the flame at a distance of 15 cm from its pole.
 - (a) Write the type of mirror he should use.
 - (b) Find the linear magnification of the image produced.
 - (c) What is the distance between the object and its image?
4.
 - (a) If the image formed by a lens is diminished in size and erect, for all positions of the object, what type of lens is it?
 - (b) Name the point on the lens through which a ray of light passes undeviated.
 - (c) An object is placed perpendicular to the principal axis of a convex lens of focal length 20 cm. The distance of the object from the lens is 30 cm. Find (i) the position (ii) the magnification and (iii) the nature of the image formed.
5.
 - (a) Define the following terms in the context of spherical mirrors:
 - (i) Pole (ii) Centre of curvature
 - (iii) Principal axis (iv) Principal focus
 - (b) Draw ray diagrams to show the principal focus of a:
 - (i) Concave mirror (ii) Convex mirror
 - (c) Consider the following diagram in which M is a mirror and P is an object and Q is its magnified image formed by the mirror.



6. It is desired to obtain an erect image of an object, using concave mirror of focal length of 12 cm.
- What should be the range of distance of an object placed in front of the mirror?
 - Will the image be smaller or larger than the object? Draw a ray diagram to show the formation of image in this case.
 - Where will the image of this object be, if it is placed 24 cm in front of the mirror? Draw a ray diagram for this situation also to justify your answer.
7. An object 2 cm in size is placed 30 cm in front of a concave mirror of focal length 15 cm. At what distance from the mirror should a screen be placed in order to obtain a sharp image? What will be the nature and the size of the image formed? Draw a ray diagram to show the formation of the image in this case.
8. What is the minimum number of rays required for locating the image formed by a concave mirror for an object? Draw a ray diagram to show the formation of a virtual image by a concave mirror.
9. Explain why a ray of light passing through the centre of curvature of a concave mirror, gets reflected along the same path.
10. Between which two points of a concave mirror should an object be placed to obtain a magnification of -3?
11. Absolute refractive Index of some of material is tabulated below

Material	Rock salt	Kerosene	Water	Diamond
Refractive	1.54	1.44	1.33	2.42

- In which of these does light travel fastest and why?
 - Arrange these materials in ascending order of their optical densities.
12. (a) If the image formed by a mirror for all positions of the object placed in front of it is always diminished, erect and virtual, state the type of the mirror and draw a ray diagram to justify your answer. Write one use such mirrors are put to and why?
- (b) Define the radius of curvature of spherical mirrors. Find the nature and focal length of a spherical mirror whose radius of curvature is +24 cm.

Practical/Project work

Write below mentioned experiments in your physics lab manual.

- ❖ Determine the focal length of a (i) concave mirror, (ii) convex lens by obtaining the image of distance object.
- ❖ Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
- ❖ Tracing the path of rays of light through a glass prism.

SUMMER VACATION TASK-2024-25

SUB- Geography

CLASS- X

- Q1.** Make a flow chart of the classification of resources.
- Q2.** Explain the classification of resources on the basis of the status of development.
- Q3.** Explain about the First International Earth Summit held in 1992.
- Q4.** What do you mean by resource planning? Why do we need resource planning?
- Q5.** Mention three steps of resource planning in India.
- Q6.** What are the different steps of resource conservation?
- Q7.** Make a pie chart on land under important relief features.
- Q8.** Locate different types of soil of India on a India map.

SUMMER VACATION TASK-2024 (MATHEMATICS)

CLASS -X

1. If -4 is a zero of the polynomial $x^2 - x - (2k + 2)$ then find the value of k.
2. Express 5005 as a product of its prime factors.
3. Given the linear equation $2x + 3y - 8 = 0$, write another linear equation in two variables such that the geometrical representation of the pair so formed is coincident lines.
4. The HCF of two numbers is 23 and their LCM is 1449. If one of the numbers is 161, find the other number.
5. Find the zeroes of $(3x^2 + 5x - 2)$ and verify the relationship between its zeroes and Coefficients.
6. If one zero of the polynomial $f(x) = (k^2 + 4)x^2 + 13x + 4k$ is reciprocal of the other, then find the value of k.
7. On dividing $x^3 - 3x^2 + x + 2$ by a polynomial $g(x)$, the quotient and remainder were $x - 2$ and $-2x + 4$, respectively. Find $g(x)$.
8. Find the values of a and b for which the following pair of linear equations have an infinite number of solutions: $2x + 3y = 7$, $(a - b)x + (a + b)y = 3a + b - 2$.
9. A woman has 60 notes in all of RS 10 and RS 20 denominations. If the total worth of the notes is RS 850, find out how many notes of each kind does she have.
10. If the polynomial $x^4 - 6x^3 + 16x^2 - 25x + 10$ is divided by another polynomial $x^2 - 2x + k$, the remainder comes out to be $x + a$, find k and a .
11. A train covered a certain distance at a uniform speed. If the train would have been 10 km/hr faster, it would have taken 2 hours less than the scheduled time. And, if the train were slower by 10 km/hr; it would have taken 3 hours more than the scheduled time. Find the distance covered by the train.
12. The HCF of two nos. is 16 and their product is 3072. Find their LCM.
13. Find the smallest no. which leaves the remainders 8 and 12 when divided by 28 and 32 respectively.
14. Find the largest +ve integer that will divide 398, 436 and 542 leaving remainders 7, 11 and 15 respectively.
15. Find the HCF and LCM of (i) 40, 36, 126 (ii) 24, 15, 36.

16. Prove that $\sqrt{5}$ and $\sqrt{7}$ are not rational numbers.
17. Prove that (i) $5 + 2\sqrt{3}$, (ii) $\sqrt{7}$, (iii) $\sqrt{2} + \sqrt{3}$ are irrational numbers.
18. Without actually performing division, check whether the decimal expansion of the following numbers are terminating or non-terminating: (i) $25/686$ (ii) $17/15625$.
19. Find the zeroes of the polynomial $4\sqrt{3}x^2 + 5x - 2\sqrt{3}$ and verify the relationship between the zeroes and coefficients.
20. Find a quadratic polynomial, the sum and the product of whose zeroes are $\sqrt{2}$ and $-\sqrt{2}$.
21. If α and β are the zeroes of $p(x) = ax^2 + bx + c$, then evaluate (i) $\alpha^2 + \beta^2$ (ii) $1\alpha + 1\beta$ (iii) $\beta\alpha + \alpha\beta$.
22. If α and β are the zeroes of $p(x) = 6x^2 + x - 2$, then evaluate (i) $\alpha + \beta$ (ii) $\alpha^2 + \beta^2$ (iii) $1\alpha + 1\beta$ (iv) $\beta\alpha + \alpha\beta$ (v) $1\alpha + 1\beta - 2\alpha\beta$.
23. If 2 & -3 are the zeroes of a quadratic polynomial, then find the polynomial.
24. For the polynomial $p(x) = 3x^3 - 5x^2 + 2x - 24$ and α , β and γ are the zeroes, then find the value of (i) $\alpha + \beta + \gamma$ (ii) $\alpha\beta\gamma$ (iii) $\alpha\beta + \beta\gamma + \gamma\alpha$.
25. Find a cubic polynomial whose zeroes are 2, -3 and 5.
26. Find all zeroes of $x^4 + x^3 - 34x^2 - 4x + 120$, if its two zeroes are 2 and -2.
27. Ten students of class X took part in Maths quiz. The number of girls is 4 more than the number of boys. Represent this situation algebraically and graphically.
28. Solve algebraically and graphically: $x + y = 3$ and $3x - 2y = 4$. Also find the area bounded by these two lines and X-axis.
29. Solve the system of linear equations $2x - y = 6$ and $x - y = 2$ by cross-multiplication method.
30. Find the value of k, for which the system of equations $2x + 5y = 5$ and $6x + ky = 15$ has a unique solution.
31. Solve: $3x - y = -9$ & $2x + 3y = 5$ by substitution method.
32. Solve $x + y = 2xy$, $x - y = 6xy$.
33. Solve: $152x - 378y = -74$, $-378x + 152y = -604$.
34. Solve $2x + 3y = 9$ and $3x + 4y = 5$ by using elimination and substitution methods.
35. Solve $a^2x - b^2y = a^2b + ab^2$, $ax - by = 2ab$.
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36. Verify that the numbers given alongside of the cubic polynomials below are their zeroes. also verify the relationship between the zeroes and the coefficients in each case:
 (i) $2x^3 + x^2 - 5x + 2$, 1, -2, $\frac{1}{2}$ (ii) $x^3 - 4x^2 + 5x - 2$; 2, 1, 1
37. Find a cubic polynomial with the sum, sum of the product of its zeroes taken two at a

time, and the product of its zeroes as 2, -7, -14 respectively.

38. If the zeroes of the polynomial $x^3 - 3x^2 + x + 1$ are $a - b$, a , $a + b$, find a and b .

39. If two zeroes of the polynomial $x^4 - 6x^3 - 26x^2 + 138x - 35$ are $2 \pm \sqrt{3}$, find other zeroes.

40. If the polynomial $x^4 - 6x^3 + 16x^2 - 25x + 10$ is divided by another polynomial $x^2 - 2x + k$, the remainder comes out to be $x + a$, find k and a .

41. The ages of two friends Ani and Biju differ by 3 years. Ani's father Dharam is twice as old as Ani and Biju is twice as old as his sister Cathy. The ages of Cathy and Dharam differ by 30 years. Find the ages of Ani and Biju.

42. One says, "Give me a hundred, friend! I shall then become twice as rich as you". The other replies, "If you give me ten, I shall be six times as rich as you". Tell me what is the amount of their (respective) capital?

43. A train covered a certain distance at a uniform speed. If the train would have been 10 km/h faster, it would have taken 2 hours less than the scheduled time. And, if the train were slower by 10 km/h; it would have taken 3 hours more than the scheduled time. Find the distance covered by the train.

44. The students of a class are made to stand in rows. If 3 students are extra in a row, there would be 1 row less. If 3 students are less in a row, there would be 2 rows more. Find the number of students in the class.

45. In a ΔABC , $\angle C = 3 \angle B = 2(\angle A + \angle B)$. Find the three angles.

46. Draw the graphs of the equations $5x - y = 5$ and $3x - y = 3$. Determine the co-ordinates of the vertices of the triangle formed by these lines and the y axis.

47. Solve the following pair of linear equations:

(i) $px + qy = p - q$

(ii) $ax + by = c$

(i) $qx - py = p + q$

(ii) $bx + ay = 1 + c$

(i) $ax + by = a^2 + b^2$

(ii) $(a + b)(x + y) = a^2 + b^2$

VACATION TASK SUMMER BREAK 2024

CLASS X- ENGLISH

1. Travel Brochure-Design a brochure with the following input.

Research about places to visit in Sikkim and prepare a Travel Brochure of any one place describing the location, ways to reach there, weather, best time to visit, hotels, the flora and fauna, food, suggested activities, culture etc. It should be handwritten. There should be 4-5 pages, where you may draw or paste some pictures associated with that place.

Draw borders around the pictures if they are pasted. Give details about the Same. There should be interesting and catchy HEADINGS above each detailed paragraph. Each picture in the brochure should have a CAPTION (i.e. a Photo caption,also known as cutline, a line of text used to explain and elaborate a photograph.)

2.You are Rama, a student of class 10 at Kendriya Vidyalaya New Delhi, and reside at 110/4, Rohini, Delhi. You require school text books, notebooks and stationery items. As you are unwell, place an order for home delivery with the school approved book seller , Gian pustak bhandar, Rohini.

3. Grammar: Practice grammar exercises on all topics from your syllabus.

4. Read a book of your interest and write the Book Review of the same.

5. Read and practice 5 English unseen passages and solve the exercise from sample papers.

6. Write and learn the questions answers and exercises of the chapters taught to you from both the books.

7. Compose a poem or any article on the topic of your choice for the school magazine.

8. Write 3 analytical paragraphs on topics from the sample paper.

SAINIK SCHOOL BHUBANESWAR

SUMMER VACATION TASK

Class- X

SUB- CHEMISTRY

2024-25

CHAPTER-1. CHEMICAL REACTIONS AND EQUATIONS

QUESTIONS

(To be done in separate vacation notebook)

1. Why should a magnesium ribbon be cleaned before burning in air?
2. In electrolysis of water, why is the volume of gas collected over one electrode
3. What do you mean by a precipitation reaction ? Explain by giving examples
4. Why is respiration considered an exothermic reaction ? Explain.
5. What is meant by endothermic and exothermic reactions? Give suitable example for each.
6. Which products will be obtained when lead nitrate is heated simply? Write balanced chemical equation for the reaction? State the type of chemical reaction that occur in the change.
7. What is meant by skeletal type chemical equation? What does it represent? Using the equation for electrolytic decomposition of water, differentiate between a skeletal chemical equation and a balanced chemical equation.
8. What is the difference between displacement and double displacement reactions? Write equations for these reactions.
9. Write balanced chemical equation for the reactions that take place during respiration. Identify the type of combination reaction that takes place during this process and justify the name. Give one more example of this type of reaction.
10. You are provided with two containers made up of copper and aluminium. You are also provided with solutions of dilute HCl, dilute HNO₃, ZnCl₂ and H₂O. In which of the above containers of these solutions can be kept?

11. (a) Write one example for each of decomposition reaction carried out with help of
i) Electricity (ii) Heat (iii) Light
12. (a) Define a balanced chemical equation. Why should an equation be balanced?
- (b) Write the balanced chemical equation for the following reaction:
i) Phosphorus burns in presence of chlorine to form phosphorus pentachloride.
(ii) Burning of natural gas.
13. On adding a drop of barium chloride solution to an aqueous solution of sodium sulphate, white precipitate is obtained.
- (a) Write the balanced chemical equation of the reaction involved.
(b) What other name can be given to this precipitation reaction?
(c) On adding dilute hydrochloric acid to the reaction mixture, white precipitate disappears. Why?
14. What is corrosion? Explain its advantage and disadvantage
15. What is rancidity? How can we reduce the problem of rancidity?

PRACTICALS WRITTEN PART

(To be done in practical record notebook)

1. A. Finding the pH of the following samples by using pH paper/universal indicator:
- (i) Dil.HCl acid
 - (ii) Dil.NaOH solution
 - (iii) Dil.CH₃COOH solution
 - (iv) Lemon juice
 - (v) Water
 - (vi) Dil.HCO₃ solution

B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:

- i) Litmus solution (Blue/Red)
- i) Zinc metal
- ii) Solid sodium carbonate

2. Performing and observing the following reactions and classifying them into:

- A. Combination reaction
 - B. Decomposition reaction
 - C. Displacement reaction
 - D. Double displacement reaction
- (i) Action of water on quicklime
 - (ii) Action of heat on ferrous sulphate crystals
 - (iii) Iron nails kept in CuSO_4 solution
 - (iv) Reaction between Na_2SO_4 and BaCl_2 solution

3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:

- i) $\text{ZnSO}_4(\text{aq})$
- ii) $\text{FeSO}_4(\text{aq})$
- iii) $\text{CuSO}_4(\text{aq})$
- iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

4. Study of the following properties of acetic acid (ethanoic acid):

- i) Odour
- ii) solubility in water
- iii) effect on litmus
- iv) reaction with NaHCO_3

5. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.



SAINIK SCHOOL BHUBANESWAR
SUMMER VACATION TASK 2024 (CLASS X)
INFORMATION TECHNOLOGY

- A.
- Q.1 What do you mean by Communication?
 - Q.2 Why communication skill is required?
 - Q.3 What is the need of communication skill?
 - Q.4 Write two ways of:
 - a. Giving information to someone
 - b. Receiving information from someone
 - Q.5 Write all the elements of communication cycle.
 - Q.6 What does the following body postures represents in reference to non verbal communication?
 - a. Straight body posture
 - b. Slumped posture
 - Q.7 What are the factors affecting perspectives in communication?
 - Q.8 What are the various way of sending signals and messages in non-verbal communication? Explain with example.
 - Q.9 What do you mean by Gesture in non verbal communicat
 - Q.10 What do you mean by verbal communication?
 - Q.11 Name two important forms of verbal communication.
 - Q.12 Identify the following as Oral or Written Communication.
 - a. Group Discussion
 - b. Letters, notes, email
 - c. Business discussion
 - d. Talking on a phone
 - e. SMS
 - f. Classroom teaching
 - Q.13. What does the following touch shows in reference to non verbal communication?
 - a. A firm handshake
 - b. Pat on the back
 - Q.14 What is the role of Feedback in communication cycle?

- Q.15. What are the characteristics of good feedback?.
- Q.17. What are the various barriers to effective communication?.
- Q.18 What do you mean by visual communication?
- Q.19 What are different types of feedback? Give example sentences to support your answer.
- Q.20 What do you mean by written communication?
- Q.21 What type of feedback for giving instant feedback. Why?
- Q.22 What type of feedback should be used when it is to be stored for some legal purpose? Why?
- Q.23 Differentiate between formal and informal feedback.
- Q.24 What are 7Cs of effective communication?
- Q.25 What are principles of effective communication?

OPEN OFFICE WRITER

B. Create a poster for air pollution in Open Office Writer with the following feature.

1. Apply Page colour : **Light Blue**
2. Font Face : **Arial Black**
3. Font Size: **Heading-14cm and content-12cm**
4. Font colour : White
5. Images from computer
6. Apply wrap **Before** i.e text flows before the image
7. Apply **watermark**
8. Apply **font work**
9. Use shapes to explain the causes of air pollution and group them.
10. Create your own style and apply **paragraph style** as **Heading 5**

C. Making poster on “ **How to stay cyber secure on social media**” in A4 size Paper

SEND PROJECT OF OPEN OFFICE WRITER IN THE FOLLOWING GOOGLE FORM LINK:

<https://docs.google.com/forms/d/1J3gH61vVVFSKkJbrTwAE94SrjssIGMI9xmg4QxyiG1g/edit>

or

EMAILID: 1261@sainikschoolbhubaneswar.org

SUMMER VACATION TASK-2024-25

SAINIK SCHOOL BHUBANESWAR

CLASS –X (A) ODIA

1) ନିମ୍ନ ବିଷୟ ଗୁଡ଼ିକର ଅଭ୍ୟାସ କର ।

- କ) ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ
- ଖ) ମଙ୍ଗଳେ ଅଇଲା ଉଷା
- ଗ) ଜନ୍ମଭୂମି
- ଘ) କାଠ
- ଙ) ଫଲ୍‌ଗୁ
- ଚ) କୋଶାଳ
- ଛ) ଭୀମଙ୍କ ସିଂହନାଦ ରଢ଼ି
- ଜ) ରାଘବଙ୍କ ଲଙ୍କା ଯାତ୍ରାବୃତ୍ତ

2) ବାକ୍ୟ ବିଚାର ବିଷୟଟିର ଅଭ୍ୟାସ କର ।

3) ବହିରେ ଥିବା ସାଧାରଣ ଅଶୁଦ୍ଧିକୁ ଶୁଦ୍ଧ କରି ଲେଖ ।

4) ବହିରେ ଥିବା ରୁଦ୍ଧିଗୁଡ଼ିକୁ ଦେଖିଲେଖ ।

5) ଭାଗବତବାଣୀ, ନଟବାଣୀ, ବଙ୍ଗଳାଗ୍ରୀ ଓ ରାମକେରୀ ଛନ୍ଦ କାହାକୁ କୁହାଯାଏ ,ଏହାର ଲକ୍ଷଣ କ'ଣ ବର୍ଣ୍ଣନା କର ।

6) ନିମ୍ନଲିଖିତ ବିଷୟଗୁଡ଼ିକରେ ପ୍ରବନ୍ଧ ଲେଖ –ସମାଜର ପ୍ରଗତିରେ ନାରୀଶିକ୍ଷାର ଭୂମିକା, ଭାରତରେ ଗଣତନ୍ତ୍ର, ସାମାଜିକ ଗଣମାଧ୍ୟମ ଓ ଛାତ୍ର ସମାଜ,ସାମାଜିକ ପ୍ରଗତିରେ ବିଜ୍ଞାନର ଭୂମିକା, ମାତୃଭାଷାର ମହତ୍ତ୍ୱ ,ଛାତ୍ର ଜୀବନରେ ଶୃଙ୍ଖଳା,ମହାକାଶ ଗବେଷଣାରେ ଭାରତ,ଛାତ୍ର ଶକ୍ତିର ସୁବିନିଯୋଗ,ଓଡ଼ିଶାରେ ବନ୍ୟା ସମସ୍ୟା ଓ ତାର ପ୍ରତିକାର ,ଭାରତରେ ସାଧାରଣ ନିର୍ବାଚନ ,ଛାତ୍ର ଜୀବନରେ ପର୍ଯ୍ୟଟନ ,ଗଣ ମାଧ୍ୟମର ପ୍ରଭାବ ।

VACATION TASK

CLASS-X

HINDI

1. अनुच्छेद लिखो-
 - क. मेरे सपनों का भारत
 - ख. ग्लोबल वार्मिंग
 - ग. वृक्ष और मानव
 - घ. मेरे जीवन का लक्ष्य
 - ङ. मेरा गाँव / शहर
 - च. मेरा मित्र
 - छ. डिजिटल भारत
 - ज. भारत के त्योहार
 - झ. खेलकूद का महत्त्व
 - ञ. समाचार पत्र
2. आकर्षक विज्ञापन बनाओ-
 - क. हेल्थ ड्रिंक
 - ख. केश शैंपू
 - ग. 2BHK घर
 - घ. हर्बल चाय
 - ङ. स्कूल बैग
3. पत्र लिखो-
 - क. पुस्तकालय में हिंदी की पत्रिकाएँ मँगवाने हेतु प्राचार्य को
 - ख. वरिष्ठ नागरिकों की सुरक्षा हेतु संपादक को
 - ग. ऑनलाइन शिक्षा व्यवस्था हेतु जिला शिक्षा अधिकारी को
 - घ. पोलियो टीकाकरण सुव्यवस्था हेतु जिला स्वास्थ्य अधिकारी को
 - ङ. वनीकरण हेतु वन विभाग अधिकारी को
4. हरिहर काका कहानी को पढ़कर संक्षेप में लिखो।
5. बड़े भाई साहब कहानी से 25 MCQ और उनके उत्तर लिखो।
6. स्वरचित लेख लिखो।(For school magazine)
7. पंजाबी भाषा के कहानीकार की कोई कहानी हिंदी में लिखो।
8. पंजाब की कला और संस्कृति पर एक PPT बनाओ।
9. कबीर के दोहों के भाव स्पष्ट करो।