

Class – X
Holidays Home work

French Holidays Hw

Week 1

COMPRÉHENSION ÉCRITE :


Mes vacances idéales

LECTURE

Désolé! Je m'appelle Christophe et je suis parisien. L'année dernière, je suis allé en vacances avec ma famille au Portugal. J'ai logé dans un appartement au bord de la mer. Pour moi ce n'était pas mes vacances idéales. Je vais te décrire mes vacances idéales :

J'irais à Cuba en avril. Je resterais au bord de la mer. (a) Les plages seraient belles et propres et les gens seraient agréables. Je resterais dans un hôtel de cinq étoiles pour que j'aie les lits de luxe. (b) L'hôtel serait propre, moderne et grand. (c) Il y aurait trois grandes piscines, une pour les petits et les autres pour les adolescents et les adultes. En plus, il y aurait un bar, un sauna, une salle de jeux et un accès à la mer. Il y aurait trois restaurants, un restaurant français, un restaurant chinois et un restaurant indien car j'aime la nourriture piquante. Je resterais pendant deux semaines et j'irais avec mes amis. Nous voyagerions en avion privé et puis en limousine. (d) Je mangerais beaucoup de repas traditionnels et de la glace. Je boirais des cocktails non-alcoolisés. On pourrait visiter l'île sans payer avec des dollars. Le samedi soir, j'irais à une discothèque et je danserais toute la nuit ! (e) Je louerais une motoglette pour visiter les petits villages. Tout serait parfait !

1. Réponds en français

a) Comment s'appelle-t-il?
b) Où habite-t-il?
c) L'année dernière, où est-il allé en vacances ?
d) C'était comment ?
e) Où est-il resté ?

2. Traduis les phrases soulignées

a
b
c
d
e

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Week 2:

Écrivez une lettre à votre ami et décrivant comment vous passez vos vacances à la maison?(Write a letter to your friend describing how did you spend your vacation at home)

(Points to be considered:

In this pandemic , what all you did to be in good health or learnt something new or tried your hands on cooking/art or any other innovative activities)

Do in your register

Week 3 :

Préparez un PPT sur le sujet " Le système éducatif en France et en Inde. (Make a PPT on" Education system of India and France")

(No. Of slides -7-8)

Week 4:

Make a chart on " What steps have been taken for water conservation and SDG Goal 6 by these countries- INDIA ,SRI LANKA, SOUTH AFRICA. "

Paste the pictures and explain in 4-5 points for each country in French .

Holiday Homework for XB (German)

1) Dialog Schreiben ! (1st week)

Du kennst Tanvi beim Deutschunterricht in der Sprachschule lernen. Schreib einen Dialog mit folgenden Fragen !

Ihr stellt sich vor.

Welche Schule ihr besucht?

Welche Fremdsprachen bietet eure Schule an?

Seit wann lernt ihr Deutsch?

Wie findet ihr Deutsch?

Was möchtet ihr weiter mit der Sprache tun ?

2) On a coloured chart paper give a detailed information on any three major sources of Green Energy used in Germany. With pictures , cities where it is used , advantages of these Sources for the society. (2nd week)

3) Macht einen Fragebogen ! (3rd week)

Deine Schule sucht einen Kantineleiter und du musst dafür einen Fragebogen machen . Schreibe 8 Fragen, die du auf den Fragebogen schreiben willst.

4) Make PPT on different ways of conserving water used in India , Sri Lanka and south Africa.3 slides of each country with their brief description in German (4-5 lines) (4th week)

दशमी कक्षा —संस्कृतम् -अवकाश-गृहकार्यम्(2021-2022)

- 1.मम विद्यालयः इति विषयमाधृत्य एकं सचित्रं परियोजना कार्यं करोतु।
- 2.त्रीणिअपठितानुच्छेदानि त्रीणि च पत्राणि अभ्यासकार्याणि अपि करोतु।
- 3.दत्तानि अनुवादकार्याणि(संस्कृतेन) करोतु।
- 4.(कानिचित् चत्वारि सुभाषितानि अर्थ सहितानि) एकं वीडियो रचयतु प्रेषयतु च।

ग्रीष्मावकाश गृहकार्य 2021 - 2022

कक्षा - दसवीं

विषय - हिंदी

प्रश्न 1 नैतिक मूल्यों / जीवन मूल्यों पर आधारित एक कहानी सुनाते हुए एक वीडियो बनाइए तथा कहानी से प्राप्त शिक्षा को स्पष्ट कीजिये।

प्रश्न 2 कोरोना महामारी को लेकर हुए अपने समस्त अनुभवों को अपने मित्र / सहेली से सांझा कीजिये। पत्र में इस महामारी से बचने के लिए सरकार द्वारा उठाये गए कदमों और इसे रोकने के उपायों की भी चर्चा कीजिए।

प्रश्न 3 अनुच्छेद लिखिए -

(क) आधुनिक जीवन - शैली एवं बढ़ती स्वास्थ्य समस्याएँ

(ख) परिश्रम का महत्व

प्रश्न 4 रचना के आधार पर वाक्य - भेद या वाच्य से सम्बंधित एक सुन्दर चार्ट बनाइए।

प्रश्न 5 IDS के अंतर्गत

TOPIC – BECOMING A GLOBAL WATER WARRIOR

पर एक वीडियो बनाइए जिसमें प्रमुख रूप से निम्नलिखित देशों में होने वाले जल - संरक्षण के उपायों एवं प्रयासों की विस्तृत जानकारी हो

X C & D भारत (INDIA)
X E & F श्री लंका (SRI LANKA)
X G & H दक्षिण अफ्रीका (SOUTH AFRICA)

नोट : ग्रीष्मावकाश से पूर्व कराए गए सम्पूर्ण पाठ्यक्रम को याद कीजिये।

Week 1

Write a Speech on the Topic-BECOMING A GLOBAL WATER WARRIOR and record your video delivering the speech.

Countries in focus INDIA, SRI LANKA and SOUTH AFRICA (Time-1 min)

Week 2

Make a LITERARY NEWSPAPER

Use an A3 size cartridge chart paper, fold it into two parts, creating four sides to write on.

Make columns like Update on Covid (Covid positive) pg-1

Points to be included – How Covid has brought about positive changes in the education system.

Its impact on our environment

(Covid Negative) pg 2

Points to be included- Write about the deadly disease and how quickly it spread across the world killing millions.

Safety measures to be adhered to.

Entertainment pg 3

Points to be included- How you engaged yourselves during the times of Covid, Sports (pursued by you staying indoors).

Creative Corner pg 4

Self-composed article or poem to be included.

Week 3

Make flash cards on any 6 Poetic devices (meaning and an example of each)

Week 4

Prepare an Analytical write up on a colored ruled sheet using pictures, data, and bar graph on any 1 of the following topics:

Save the Environment.

OR

Health and Hygiene

Note:

HHW to be done in A -4 size sheet and filed properly.

Map works to be done neatly and pasted on a-4 size sheet with headings mentioned properly.

Week 1

1. Write about the first Earth summit. Write all the points of Agenda-21.

2. Collect latest information related to India:

A. Infant Mortality Rate

B. Literacy rate

C. Rank on Human Development Index

D. Net Attendance Ratio

Map work :

A. HISTORY (Outline Political Map of India)

1. Indian National Congress Sessions: a. Calcutta (Sep.1920)

b. Nagpur (Dec.1920)

c. Madras(1927)

Week 2

Make an animation video on Water conservation keeping the countries of study in focus .

(INDIA , SRI LANKA and South AFRICA)

Video should not exceed 1 min and 30 secs .

Map Work:

A. HISTORY (Outline Political Map of India)

a. Champaran (Bihar) - Movement of Indigo Planters

b. Kheda (Gujrat) – Peasant Satyagrah

c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha

d. Amritsar (Punjab) - Jallianwala Bagh Incident

e. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement

f. Dandi (Gujarat) - Civil Disobedience Movement

Week 3

Identify the type of soil found in Sikkim. How do the people of Sikkim practice farming here?

Prepare a poster and a video (not exceeding 2 mins) to show the type of farming practiced in this state.

Map work:

GEOGRAPHY (Outline Political Map of India)

Dams: a. Salal b. Bhakra Nangal c. Tehri d. Rana partap Sagar e. Sardar Sarovar f. Hirakud

g. Nagarjuna Sagar h. Tungabhadra

Chapter 4: Agriculture

a. Major areas of Rice and Wheat

b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute

Week 4

Map Work:

Power Plants

1. Thermal

a. Namrup b. Singroli c. Ramagudam

2. Nuclear

a. Narora b. Kalpakkam c. Kakrapara d. Tarapur

Cotton Textile Industries:

a. Mumbai b. Indore c. Surat d. Kanpur e. Coimbatore

Iron and Steel Plants:

a. Durgapur b. Bokaro c. Jameshadpur d. Bhilai e. Vijaynagar f. Salem

Software Technology Parks:

a. Noida b. Gandhinagar c. Mumbai d. Pune e. Hyderabad f. Chennai g. Bengaluru h. Thiruvananthapuram

Major Ports:

a. Kandla b. Mumbai c. Marmagao d. New Mangalore e. Kochi f. Tuticorin g. Chennai h. Vishakhapatnam i. Paradip j. Haldia

International Airports

a. Amritsar (Raja Sansi) b. Delhi (Indira Gandhi International) c. Mumbai (Chhatrapati Shivaji) d. Chennai (Meenam Bakkam)

e. Kolkata (Netaji Subhash Chandra Bose) f. Hyderabad (Rajiv Gandhi)

WEEK 1

Q1. Solve the following system of linear equations graphically:

a) $3x+y - 11 = 0$ b) $x+y = 3$
 $x-y + 1 = 0$ $2x+5y= 12$

Shade the region bounded by these lines and y-axis. Also, find the area of the region bounded by the lines and y-axis.

Q2. Determine graphically the co-ordinates of the vertices of a triangle, the equation of whose sides are $y=x$, $y= 2x$, $x+y=6$

Q3. Find the value of k for which the following pair of linear equations have no solution:

$3x+y = 1$
 $(2k-1)x + (k-1)y = 2k+1$

Q4. For which values of a and b will the following pair of linear equations have infinitely many solutions.

$4x+5y = 2$
 $(2a+7b)x + (a+8b)y = 2b-a+1$

Q5. Find the value of K for the following pair of equations: $3x-y-5=0$ and $6x-2y-k=0$ if the lines represented by these equations are parallel.

Q6. Find the values of p for the following pair of equations:

$-3x+5y = 7$ and $2px - 3y = 1$ if the lines represented by these equations are intersecting.

Q7. Two straight paths are represented by the equation $x - 3y = 2$ and $-2x+ 6y + 5$. Check whether the paths cross each other or not.

Q8. Solve the following pair of equations by cross multiplication method.

a) $2ax + 3by = (a+2b)$ b) $\frac{x}{6} + \frac{y}{15} = 4$

$3ax + 2by = (2a +b)$ $\frac{x}{3} - \frac{y}{12} = \frac{19}{4}$

Q9. Write an equation of a line passing through the point representing solution of the pair of linear equations $x+ y = 2$ and $2x-y = 1$. How many more lines can pass through this point.

Q10. If six times the larger of the two numbers is divided by the smaller one, we get 8 as quotient and 6 as the remainder. Also if nine times the smaller number is divided by the larger one, we get 6 as quotient and 9 as remainder. Find the numbers.

WEEK 2

- a) To solve different types or system of equations on graph paper.
b) To obtain the condition of consistency of system of equations.

WEEK 3

- Q1. For which values of λ , do the pair of linear equations $\lambda x + y = \lambda^2$ and $x + \lambda y = 1$ have
 a) No solution b) infinitely many solutions c) Unique solution?
- Q2. Solve the following pair of linear equations by substitution method:
 $\frac{b}{a}x + \frac{a}{b}y = a^2 + b^2$ and $x + y = 2ab$
- Q3. Once a mule and a donkey were talking. The mule said "I am carrying more sacks than you". In fact, if you give me one of your sacks, then I would have twice as many as you. If I give a sack, our loads would be equal. How many sacks was each animal carrying?
- Q4. Solve the following pairs of linear equations
 a) $X + y = 3.3$ b) $4x + \frac{6}{y} = 15$
 $\frac{0.6}{3x - 2y} = -1, 3x - 2y \neq 0$ $6x - \frac{8}{y} = 14, y \neq 0$
- Q5. a) For which values of p and q, will the following pair of linear equations have infinitely many solutions?
 $2x + 3y = 7$ and $2px + py = 28 - qy$
 b) For which values of a and b will the following pair of linear equation represent coincident lines?
 $x + 2y = 1$ and $(a - b)x + (a + b)y = a + b - 2$
- Q6. The students of a class are made to stand in (complete) 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 student in the class.
 What value is promoted by asking the students to stand in rows?
- Q7. Solve the following pair of linear equations:
 a) $43x + 67y = -24$ b) $21x + 47y = 110$
 $67x + 43y = 24$ $47x + 21y = 162$
- Q8. The sum of a two digit number and the number obtained by reversing the digits is 66. If the digits differ by 2, find the number. How many such numbers are there.
- Q9. A chemist has one solution which is 50% acid and a second which is 25% acid. How much of each should be mixed to make 10 litres of a 40% acid solution?
- Q10. The length (in metres) of the sides of a triangle are $2x + \frac{y}{2}$, $\frac{5x}{3} + y + \frac{1}{2}$ and $\frac{2x}{3} + 2y + \frac{5}{2}$.
 If the triangle is equilateral, find its perimeter.

WEEK 4

- To verify that the square of hypotenuse is equal to the sum of squares of the other two sides in a right triangle.

Class X Science summer HHw 2021-22

All the following activities need to be followed weekwise and to be sent to your science teacher every week. These are graded activities and will be marked for your internal assessment.

Week -1 Dear students- Please make a comparative PPT of images and techniques followed and practiced in Sri Lanka, South Africa and India of water conservation.

The project should include images and write-up of the same too.

Week-2

Biology Quiz

Life processes- Quiz Test Class 10

Ques1) Which of the following is a parasitic organism?

- a) Lichen
- b) Leech
- c) Dog
- d) Algae

Ques2) Which enzyme is released in the stomach?

- a) Pepsin
- b) Trypsin
- c) Amylase
- d) Bile juice

Ques3) Which is the fundamental and structural unit of kidneys?

- a) Alveoli
- b) Ureters
- c) Neuron
- d) Nephron

Ques4) Where does the digestion of food begin in alimentary canal?

- a) Small intestine
- b) Large intestine
- c) Mouth cavity
- d) Stomach

Ques5) Which of the life processes convert chemical energy into heat energy?

- a) Nutrition
- b) Excretion
- c) Transportation
- d) Respiration

Ques6) The food prepared in the leaves is transported through this tissue

- a) Xylem
- b) Meristematic
- c) Sap
- d) Phloem

Ques7) A glucose molecule is broken down into this molecule in cytoplasm

- a) Haemoglobin
- b) ATP
- c) Lactic acid
- d) Pyruvate

Ques8) In which form is the food stored in leaves

- a) Glucose
- b) Glycogen
- c) Fructose
- d) Starch

- Ques 9) Name the enzyme which helps in the emulsification of fat globules.
- Ques10) Which mechanism plays an important role in transportation of water in plants
- i) During daytime
 - ii) At night
- Ques11) Name the energy reserve in both plants and animals.
- Ques12) Name the respiratory pigment found in blood.
- Ques13) Name the tissue that forms the transport system in plants.
- Ques14) What is the limitation of aquatic animals over a terrestrial animal in terms of process of respiration?
- Ques15) What is common in nutrition in Amoeba and Human?
- Ques16) In which cell organelle does respiration occur?
- Ques17) Enlist the site of synthesis and storage of bile .
- Ques18) If salivary amylase is lacking in saliva then which event in the mouth cavity will be affected?
- Ques19) Why does lack of oxygen in muscles often lead to cramps among cricketers?

Ques20) Name the chemical that is used to check for the presence of starch?

Chemistry-

The chemical formula of lead sulphate is

- (a) Pb_2SO_4
 - (b) $Pb(SO_4)_2$
 - (c) $PbSO_4$
 - (d) $Pb_2(SO_4)_3$
2. Which information is not conveyed by a balanced chemical equation?
- (a) Physical states of reactants and products
 - (b) Symbols and formulae of all the substances involved in a particular reaction
 - (c) Number of atoms/molecules of the reactants and products formed
 - (d) Whether a particular reaction is actually feasible or not
3. Chemically rust is
- (a) hydrated ferrous oxide
 - (b) only ferric oxide
 - (c) hydrated ferric oxide
 - (d) none of these

4. Both CO_2 and H_2 gases are
 - (a) heavier than air
 - (b) colourless
 - (c) acidic in nature
 - (d) soluble in water
5. Which of the following gases can be used for storage of fresh sample of an oil for a long time?
 - (a) Carbon dioxide or oxygen
 - (b) Nitrogen or helium
 - (c) Helium or oxygen
 - (d) Nitrogen or oxygen
6. The electrolytic decomposition of water gives H_2 and O_2 in the ratio of
 - (a) 1 : 2 by volume
 - (b) 2 : 1 by volume
 - (c) 8 : 1 by mass
 - (d) 1 : 2 by mass
7. In the decomposition of lead (II) nitrate to give lead (II) oxide, nitrogen dioxide and oxygen gas, the coefficient of nitrogen dioxide (in the balanced equation) is
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
8. Fatty foods become rancid due to the process of
 - (a) oxidation
 - (b) corrosion
 - (c) reduction
 - (d) hydrogenation
9. We store silver chloride in a dark coloured bottle because it is
 - (a) a white solid
 - (b) undergoes redox reaction
 - (c) to avoid action by sunlight
 - (d) none of the above
10. Silver article turns black when kept in the open for a few days due to formation of
 - (a) H_2S

- (b) AgS
 - (c) AgSO₄
 - (d) Ag₂S
11. When crystals of lead nitrate are heated strongly in a dry test tube
- (a) crystals immediately melt
 - (b) a brown residue is left
 - (c) white fumes appear in the tube
 - (d) a yellow residue is left
12. Dilute hydrochloric acid is added to granulated zinc taken in a test tube. The following observations are recorded. Point out the correct observation.
- (a) The surface of metal becomes shining
 - (b) The reaction mixture turns milky
 - (c) Odour of a pungent smelling gas is recorded
 - (d) A colourless and odourless gas is evolved
13. When carbon dioxide is passed through lime water,
- (a) calcium hydroxide is formed
 - (b) white precipitate of CaO is formed
 - (c) lime water turns milky
 - (d) colour of lime water disappears.
14. When a magnesium ribbon is burnt in air, the ash formed is
- (a) black
 - (b) white
 - (c) yellow
 - (d) pink
15. In which of the following, heat energy will be evolved?
- (a) Electrolysis of water
 - (b) Dissolution of NH₄Cl in water
 - (c) Burning of L.P.G.
 - (d) Decomposition of AgBr in the presence of sunlight
16. Rancidity can be prevented by
- (a) adding antioxidants
 - (b) storing food away from light
 - (c) keeping food in refrigerator
 - (d) all of these
17. The reaction of H₂ gas with oxygen gas to form water is an example of
- (a) combination reaction

- (b) redox reaction
- (c) exothermic reaction
- (d) all of these reactions

18. The reaction in which two compound exchange their ions to form two new compounds is called

- (a) displacement reaction
- (b) combination reaction
- (c) double displacement reaction
- (d) redox reaction

19. On immersing an iron nail in CuSO_4 solution for few minutes, you will observe

- (a) no reaction takes place
- (b) the colour of solution fades away
- (c) the surface of iron nails acquire a black coating
- (d) the colour of solution changes to green

20. An element X on exposure to moist air turns reddish-brown and a new compound Y is formed. The substance X and Y are

- (a) $X = \text{Fe}$, $Y = \text{Fe}_2\text{O}_3$
- (b) $X = \text{Ag}$, $Y = \text{Ag}_2\text{S}$
- (c) $X = \text{Cu}$, $Y = \text{CuO}$
- (d) $X = \text{Al}$, $Y = \text{Al}_2\text{O}_3$

Physics-

1. What is the rate of flow of electric charges called?
2. Which of the following is the SI Unit of Electric Current?
3. Which instrument is used for measuring electric potential?
4. When one unit electric charge moves from one point to another point in an electric circuit, then the amount of work done in joules is known as?
5. The hindrance presented by material of conductor to the smooth passing of electric current is known as-----.
6. The resistance of a conductor is directly proportional to-----.
7. The purpose of a rheostat is-----.

Week -3

Make an innovative project using waste material and resources available at home. It should be a working model and make a video showing the working of your model.

Week-4

Make a presentation in the grp of 4 to show and explain home based remedies and hacks that can be done at home using things available at home.

MARKETING AND SALES

HOLIDAYS HW

Project file preparations :

1. Cover page with student details

2. Project Title

3. Acknowledgement

4. certificates (for Grade 10)

5. Index of contents

6. Methodology/Organisation/Presentation of project

7. THE PROJECT

• Introduction to the topic

• Project data/details

• Survey and graphics

• Conclusions

• Appendix

• Bibliography

NOTE : The project must be handwritten only with the best creativity of the child. You can use information and clippings from the internet.

THE PROJECTS :

✓ Project 1 on Marketing Mix

✓ Project 2 on Market Segmentation

PROJECT ONE – MARKETING MIX

Q. Choose a product line say, cosmetics, beverages, any FMCGs / services and outline the Four P's of the Chosen product.

Action plan

● First a good theory on Marketing Mix

● Then trace the Four Ps

● If you are choosing services, say banking, spa, etc., identify the seven P's

● Then take any one brand and link it to the Four P's / 7 P's

● List the SWOT analysis Conclusion

PROJECT TWO – MARKET SEGMENTATION

Q. Choose any Consumer durables, Cosmetics, footwear, Personal hygiene products etc .

Action Plan

● study the basis of segmenting them.

● Identify the target markets

● How will you position them

Weekly assessment will be done on the basis of:

1) Research --1st week

2) Content—2nd week

3) Collection of data, pictures and diagrams—3rd week

4) Compiling filling up of all the material---4th week

AI & IT

Week1

Design a digital poster on Ms word on "Water Warriors" using AI powered smart technologies like filtration process, pollutants level, underground water level etc.

Week 2

Make a presentation of 10 slides on communication skills

Week3

Design basic structure of an app “Zero Hunger” on Ms word which can help the community from reducing the wastage of food.

Week 4

Watch the movie with the link- <http://youtu.be/Irv8ga02VNg> and write a detailed synopsis about the same in your IT/AI note book.

Please find Summer Holiday Homework for class X.

\Painting - Class X Holiday Homework

1. 10 nature drawings.

2. 10 sketches of human figures.

3. Composition – Any Indian Festival