

D.A.V.PUBLIC SCHOOL, RATIA  
SUMMER VACATION HOME ASSIGNMENT  
SESSION 2023 – 24  
CLASS X



**Dear Parents and Students,**

**Summer vacation is around the corner, bringing with itself a much-needed respite from hectic school days. We hope that you will thoroughly enjoy the vacations and make the most of this summer. While it is indeed important that you relax and refresh yourselves, it is also important that you exercise your minds.**

**Keeping this in mind, we have designed various exciting activities to keep the students**

**Engaged and active during the summer vacation. These fun projects/ assignments would enhance learning skills, help understand concepts better, and make for a great crash course aimed at improving academic output.**

**These activities will not only help you to revise what was taught, but will also enrich your knowledge. These projects will be assessed as Subject Enrichment Activity, Portfolio or Art Integrated activity. We encourage parents to motivate and support the students to ensure that given work is completed in time, to the best of their ability. Your support and encouragement both have a huge impact on your child's learning**



**Let's do it regularly this Summer Vacation!**

- GO FOR A MORNING WALK REGULARLY !**
- FOLLOW THE PRACTICE OF “ EARLY TOBED & EARLY TO RISE” !**
- RESPECT YOUR ELDERS!**
- EAT HEALTHY DIET. EAT LOTS OF FRESH FRUITS , GREEN VEGETABLES AND SALADS. SAY NO TO JUNK FOOD.**
- DRINK LOTS OF FLUIDS( WATER , JUICE , LEMONADE ETC. )**
- PREPARE A TIME TABLE FOR YOURSELF AND FOLLOW IT .**
- AVOID USAGE OF MOBILE PHONES !**
- ACT RESPONSIBLY BY DOING YOUR WORK OF YOUR OWN LIKE DOING YOUR LITTLE CHORES YOURSELF , CLEANING YOUR WARDROBE , SETTING YOR BOOKSHELF ETC.**
- READ REGULARLY AS BOOKS ARE YOUR BEST FRIENDS !**
- BE ECO FRIENDLY AND SAVE WATER , FUEL AND ELECTRICITY!**
- CONVERSE IN ENGLISH WITH EVERYONE**

# ENGLISH LANGUAGE & LITERATURE

Que.1 Prepare a creative and attractive newsletter on Manipur, including their festivals, culture, languages, art and craft, music, dance and the authors. Make a project file.

Que.2. A TRAVEL BROCHURE:

You have visited a number of places in India. Prepare a travel brochure on any one of the cities you liked the most. You can use the following guidelines to write information with pictures. Include the following details:

- I) Location                      (II) Map                      (III) Historical background                      (IV) Climate  
(V) Best time to visit                      (VI) Fairs and Festivals                      (VII) Food                      (VIII) Local  
Activities/Festivals

Que.3. Pick up a novel of your choice and draft a script/poem highlighting its theme. Add dialogues and characters of your choice.

**Que. 4. PORTFOLIO:PREPARE A PORTFOLIO WITH THE FOLLOWING-**

- Introduction                      • My strengths                      • I need to improve on...                      • My achievements
- I have participated in...                      • The books I have read                      • The book I wish to read

\*Include your Letter to The Prime Minister about your desire to support, "The Need to Control the Population in India" (in the portfolio)\*

**Que.5. Write a formal letter in about 150-200 words on the given topics:**

(A) You are Reena/Raghav, C-15, MayurVihar, Delhi. Write a letter to the editor of a newspaper on the consequences of climatic changes due to various man-made reasons. Take ideas from the notes given below:

**Hints:** Deforestation, Pollution, Unlimited needs and limited means, Encroachments, Unplanned, urbanization, industrialization. (Roll no. 1-10)

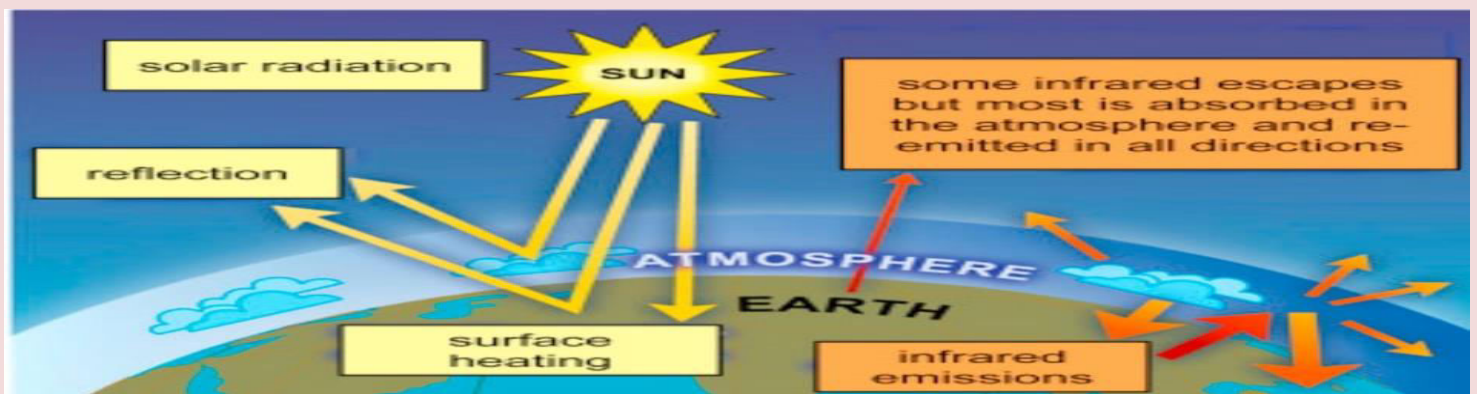
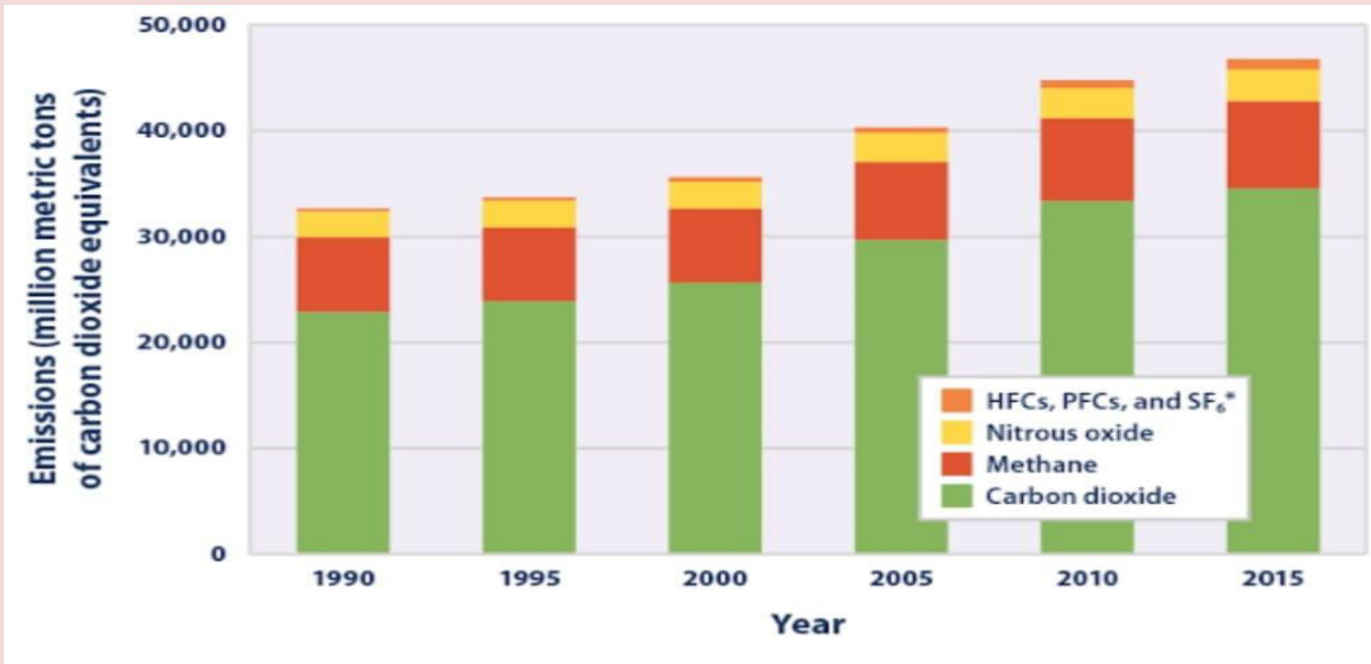
(B) You were one among a group of students who represented your state in a national youth exchange programme. It was an eye-opener which made you realise the spirit of unity in diversity. Taking ideas from the MCB unit on National Integration along with your own ideas, write a letter to the editor of a newspaper in 100-120 words on the importance of National

Integration. You are Maya/Mohan, 4 Rampur Road, Bareilly.

**Hints:** \* Represented Uttar Pradesh

\*a national youth exchange programme\* an eye-opener\* students from the North East\* realised the concept of 'Incredible India'\* show of unity in diversity\* lives like a family.(Roll no. 11-20)

(C) Read the two graphs given below. Graph 'A' shows the increase in the carbon dioxide content in the atmosphere and Graph 'B' shows its effect on the temperature that has led to global warming. As Nalin, write a letter to the editor of 'The Times of India', showing concern over the matter. Give reasons for the increase in global warming and global temperature and suggest means to curb it. (Roll no. 21-30)



(D) Write a letter to the Editor of the 'Times of India' regarding the frequent traffic jams on the roads of your city because of poor road conditions. (Roll no. 31-44)

## LITERATURE

**Que.6. (A) Prepare illustrative presentations on the following poems from “First Flight”.**

**(B) The content can be presented with the help of PPTs/ charts/ flashcards etc.**

List of the poems:

1. Dust of Snow (Roll No. 1 – 15)
2. Fire and Ice (Roll No. 16 – 30)
3. A Tiger InThe Zoo (Roll No. 31 – 44)

What needs to be included in the individual presentations?

1. Title – How is the title related to the poem?
2. Literal Meaning , Message and Theme
3. Tone
4. Sound and Rhythm
5. Language and Imagery/Symbolism
6. Figure of Speech/ The Poetic Devices/ Literary Devices

**Note : Make a separate folder for all activities.**

## GRAMMAR

**Que.7. In the following passage one word has been omitted from each line. Write the omitted word and the word that comes before and the one that comes after it against the correct blank number.**

### Before Word After

The popular musical rhythm known for originated a) \_\_\_\_\_

in the north-east Brazil and is now popular b) \_\_\_\_\_

all over country. Besides music the country is c) \_\_\_\_\_

famous its beaches or you can walk down d) \_\_\_\_\_

narrow streets and take the markets and fairs e) \_\_\_\_\_

and see people beautiful handicrafts. Visitors can f) \_\_\_\_\_

also take buggy rides other beaches or g) \_\_\_\_\_

watch dolphins offshore its other beaches. h) \_\_\_\_\_

**Que.8. The following passage has not been edited. There is an error in each line against which a numeral is given. Write the incorrect word and the correction in the space provided. Remember to underline the word that you have supplied**

**Incorrect****Correct**

Amongst young peoples, motorcyclists and Eg. Peoples people scooterists are the great cause of danger. They often try to show of by driving at break-neck speed; they risk there own life as well as that of other. Rash driving is one of the greatest cause of road accidents. Bicyclists are also involving in a lot of accidents. While driving along with the road or at the cross roads, they should so careful.

- (a) \_\_\_\_\_  
 (b) \_\_\_\_\_  
 (c) \_\_\_\_\_  
 (d) \_\_\_\_\_  
 (e) \_\_\_\_\_  
 (f) \_\_\_\_\_  
 (g) \_\_\_\_\_  
 (h) \_\_\_\_\_

**Que. 9. Fill in the blanks using the best options given in the brackets.**

About half of India's children aged (a) \_\_\_\_\_ 6 and 14 do not go to school. About 5.5 crore children (b) \_\_\_\_\_ in factories, cottage industries (c) \_\_\_\_\_ in the agricultural sector. One of the most important (d) \_\_\_\_\_ for our nation's (e) \_\_\_\_\_ is illiteracy.

- a. (i) among            (ii) between            (iii) with            (iv) about  
 b. (i) worked            (ii) working            (iii) has been working            (iv) work  
 c. (i) and            (ii) around            (iii) about            (iv) some  
 d. (i) reason            (ii) reasons            (iii) reason's            (iv) reasons  
 e. (i) backwardness            (ii) backwardsness            (iii) backness            (iv) backward

Revisions: First Flight -

1 A Letter to God ,            Fire and Ice(poem) ,

Dust of Snow (Poem)

Footprints Without Feet :    1. Triumph Of Surgery

2. The Thief's Story



**1 पठनकौशल-** व्याकरण पुस्तक में से पृष्ठ संख्या:- (39 से 42) अपठित गद्यांश व पृष्ठ संख्या -(44 से 48 ) तक काव्यांश हल करें।

## 2●लेखनकौशल-

**व्याकरण:-** ( रचनाकेआधारपरवाक्य-भेद ) सरल वाक्य को संयुक्त व मिश्रित में बदल कर प्रत्येक के दस वाक्य बनाए।

**पत्र व प्रार्थना पत्र:-**

- नव वर्षकीबधाई देते हुए पिताजी को भावपूर्ण संदेश लिखें।
- बस में यात्रा करते समय आप के कुछ ज़रूरी कागज़ात बस में ही छूट गए हैं। नगर बस सेवा के 'खोया-पाया' विभाग के अधिकारी को अपने कागज़ों का विवरण देकर पूछताछ करते हुए एक पत्र लिखिए।
- ग्रामीण क्षेत्र में बिजली आपूर्ति सही नहीं हो रही है इसके लिए संपादक महोदय को पत्र लिखिए।
- अपने विद्यालय के प्रधानाचार्या को खेल-सामग्री उपलब्ध करवाने हेतु प्रार्थना-पत्र लिखिए।

\*अनुच्छेद\* :- 1) प्रदूषण

2) इंटरनेट: आधुनिक कल्पवृक्ष

3) मातृभूमि: माँ के समान

4) चलती का नाम गाड़ी

**पोर्टफोलियो कार्य:-**

- सुभाषचंद्रबोसकासचित्रव्यक्तित्ववृत्तित्वपरक्रियात्मककार्यकीजिए।
- हरियाणावमणिपुरकेपर्यटकस्थलोंपरविज्ञापनबनाएँ।
- अलंकार शब्दावली चक्र से स्पष्ट करें।

● देशी महीनों के अनुसार कलैण्डर तैयारकीजिए

नोट:- क्षितिज - गद्यखंड) पाठनं-07 ( नेताजी का चश्मा ) , पाठनं-08 ( बाल गोबिन भगत )

क्षितिज-काव्य खंड) कविता नं-1 ( पद ) , कविता नं-2 ( राम-लक्ष्मण- परशुराम संवाद )

कृतिका ) - पाठ नं -01 ( माता का अँचल ) याद करें।

## 1. Lab Manual –

- |  |                  |
|--|------------------|
| (i) Prime Factorisation of Composite Numbers     | (Activity no 2)  |
| (ii) Zero of a Linear Polynomial                 | (Activity no 3)  |
| (iii) Zeroes of a Quadratic Polynomial           | (Activity no 4)  |
| (iv) System of Linear Equations in Two Variables | (Activity no 5)  |
| (v) Arithmetic Progression                       | (Activity no 12) |
| (vi) Sum of Arithmetic Progression(1)            | (Activity no 13) |

## 2. Art Integrated Project –

Make an art integrated project on any of the Population, Rainfall, water level, comparison between their historical monuments with their pictures on the state Haryana and Manipur.

## 3. Portfolio -

- Explore any one activity or game and write brief up of your work with related pictures.
- Write terminology of maths starting from letter A and ending with letter Z.
- Search any 10 new mathematical symbols from the internet, books, magazine etc. Collect information about their origin, meaning and their use in different area of mathematics.
- Design a Crossword Puzzle by using mathematical terms.

## 4. Solve the given assignment in assignment pages –

### Assignment

- Find H.C.F of 336, 54.
- The LCM of 2 numbers is 14 times their HCF. The sum of LCM and HCF is 600. If one number is 280, then find the other number.
- Find H.C.F. of 180, 252 and 324.
- The HCF of two numbers is 145 and their LCM is 2175. If one number is 725, find other number.
- Find the HCF and LCM of 26676 and 337554 using Fundamental theorem of Arithmetic.
- Find the largest number which divides 615 and 963 Leaving remainder 6 in each case.
- Prove that  $15 + 17\sqrt{3}$  be an irrational number.
- Find the greatest number of 5 digits exactly divisible by 12, 15 and 36.
- If HCF of 210 and 55 is expressible in the form of  $210x + 55p$ , find the value of p.
- Find the HCF and LCM of 625, 1125 and 2125 using Fundamental theorem of Arithmetic.
- Find the HCF and LCM of 377, 435 and 667 using Fundamental theorem of Arithmetic.
- If the HCF of 65 and 117 is expressible in the form of  $65m - 117$  then find the value of m.
- Find the zeroes of the polynomial  $6x^2 - 3 - 7x$  and verify the relationship between the zeroes and its coefficients of polynomial.
- If the product of zeroes of the polynomial  $ax^2 - 6x - 6$  is 4. Find the value of a.
- Is  $x = -2$ , solution of the equation  $x^2 - 2x + 8 = 0$ .
- Find the value of b for which  $(2x+3)$  is a factor of  $2x^3 + 9x^2 - x - b$ .
- If  $\alpha$  and  $\beta$  are the roots of equation  $2x^2 - 5x - 3$ , then find the value of  
(a)  $\alpha^2 + \beta^2$  and (b)  $\alpha - \beta$ .
- Find the zeroes of the polynomial  $4x^2 - 7$  and verify the relationship between the zeroes and its coefficients of polynomial.
- If 1 is a zero of polynomial  $p(x) = ax^2 - 3(a - 1) - 1$ , then find the value of a.
- If  $\alpha$  and  $\beta$  are the zeroes of the quadratic polynomial  $f(x) = x^2 - p(x+1) - c$  such that  $(\alpha + 1)(\beta + 1) = 0$ , then find value of c?



21. Solve for x and y:  $\frac{x+1}{2} + \frac{y-1}{3} = 8$  And  $\frac{x-1}{3} + \frac{y+1}{2} = 9$ .
22. Solve for x and y:  $81y+63x=684,$   $63y+81x=756.$
23. Two years ago, a father was five times as old as his son. Two years later, his age will be 8 years more than three times the age of the son. Find the present age of the son. Find the present ages of father and son.
24. A number consists of two digits. Where the number is divided by the sum of its digits, the quotient is 7. If 27 is subtracted from the number, the digits interchange their places, find the number.
25. For what value of k are the roots of the quadratic equation  $3x^2 + 2kx + 27 = 0$  are real and equal?
26. For what value of k are the roots of the quadratic equation  $(k - 12)x^2 + 2(k - 12)x + 2 = 0$  are real or equal.
27. By increasing the list price of a book by Rs.10 a person can buy 10 books less for Rs.1200, find original list price of the book.
28. The sum of the areas of two squares is 640 sq. cm. If the difference in their perimeters be 64 cm. Find sides of the two squares. Later than its scheduled time and in order to reach its destination 1500 km away in time, it has to increase its speed by 250 km/h from usual speed. Find its usual speed.
29. Find the roots of the equation of  $\frac{1}{x+1} + \frac{2}{x+2} = \frac{5}{x+4}, x \neq -1, -2$  and  $-4$
30. Three consecutive positive integers are such that the sum of square of the first and the product of other two are 46. Find the integers.
31. A swimming pool is filled with three pipes with uniform flow. The first two pipes operating simultaneously fill the pool in the same time during which the pool is the same time during which the pool is filled by the third pipe alone. The second pipe fills the pool five hr. faster than the first pipe and four hr. slower than the third pipe. Find the time required by each pipe to fill the pool separately.
32. If the sum of twice the 5th and thrice of 6th terms of an AP is 401 and sum of thrice the 4th and twice the 7th terms is 377. Find the first term and common difference.
33. Which term of the A.P 10, 17, 24 ... will be 56 less than its 41st term?
34. For what value of n, the nth terms of two AP's 1, 9, 17... and 55, 54, 53... are same.
35. The 13th, 19th and the last term of an AP. Are 35, 101 and 178 respectively? Find the number of terms

## SCIENCE

### PHYSICS

- Subject enrichment Activity: You have to calculate electricity bill of refrigerator of your home for the month of June. Go through the cost per unit from electricity bill. Note down the power and voltage rating of refrigerator.  
Note : You have to present the topic in the classroom after the summer holidays.
- Write down the following experiments in your lab manual.
  - Study the dependence of potential difference V across a resistor on the current I passing through it and determine the resistance. Also plot a graph between V and I.
  - Determine the equivalent resistance of two resistors when connected in series and parallel.
- Prepare a formula chart of chapter electricity.

4. Solve the given assignment.

## CHEMISTRY

- Prepare a booklet on the topic Types of chemical reactions.
- learn questions answers of chapter 1.
- Write experiment 1 and 2 in your Lab Manual.
- Prepare multiple choice questions of Chapter 1.

Chapter: Chemical Reactions and Equations.

### ASSIGNMENT

1. What happens chemically when quick lime is added to water?
2. How will you test for the gas which is liberated when HCL reacts with an active metal?
3. What is an oxidation reaction? Is it exothermic or endothermic? Give one example of Oxidation Reaction.
4. Give an example of photochemical reaction.
5. Give an example of a decomposition reaction. Describe any activity to illustrate such a Reaction by heating.
6. Why is respiration considered as exothermic process?
7. Balance the following chemical equation.
  - (I)  $\text{Fe(s)} + \text{H}_2\text{O(g)} = \text{Fe}_3\text{O}_4 + \text{H}_2\text{(g)}$
  - (II)  $\text{MnO}_2 + \text{HCL} = \text{MnCl}_2 + \text{Cl}_2 + \text{H}_2\text{O}$
  - (III)  $\text{HNO}_3 + \text{Ca(OH)}_2 = \text{Ca(NO}_3)_2 + \text{H}_2\text{O}$
8. On what basis is a chemical equation balanced?
9. State any two observations in an activity suggesting the occurrence of a chemical Reaction.
10. Name a reducing agent which may be used to obtain manganese from manganese Dioxide.
11. What change in colour is observed when silver chloride is left exposed to sunlight? Also Mention the type of chemical reaction.
12. Define a combination reaction. Give one example of an exothermic combination reaction.
13. What is observed when a solution of potassium iodide is added to lead nitrate solution?
14. Distinguish between an exothermic and an endothermic reaction. Distinguish between a displacement and a double displacement reaction.
15. Identify the type of reaction in the following:
  - a.  $\text{Fe(s)} + \text{CuSO}_4\text{(aq)} = \text{FeSO}_4\text{(aq)} + \text{Cu(s)}$
  - b.  $2\text{H}_2 + \text{O}_2 = 2\text{H}_2\text{O}$
16. What is a redox reaction?
17. What is meant by endothermic and exothermic reactions? Give suitable example for each.
18. Define different types of chemical reaction and give examples for each.
19. Why is photosynthesis considered as an endothermic reaction?
20. In electrolysis of water, why is the volume of gas collected over one electrode double that of the other electrode?
21. What happens when water is added to solid calcium oxide taken in container? Write a chemical

formula for the same. Give one use of quick lime.

22. Give three types of decomposition reaction.

23. Name the compound used for testing CO<sub>2</sub> gas.

## BIOLOGY

1. Read & Learn (1) Chapter – Life Process (2) Chapter - Heredity

2. Learn NCERT questions of Chapter – Life process and Heredity.

3. Prepare a Portfolio on the topic comparison of 'Natural Resources' in Manipur and Haryana.

4. Do experiments in lab manual:-

Exp.1- Prepare a temporary mount of a leaf peel to show stomata.

Exp.2- Experimentally show that carbon dioxide is given out during respiration.

Exp.3- Studying (a) binary fission in amoeba, and (b) budding in yeast and hydra with the help of prepared slides.

Exp.4- Identification of the different parts of an embryo of a dicot seed (pea, gram or red kidney bean).

5. Solve the assignment and learn all the questions given in the assignment sent along with holidays Homework.

### ASSIGNMENT

Q1. Most of the digestion and absorption of the food takes place in the

(a) small intestine (b) liver (c) stomach (d) large intestine.

Q2. As compared to terrestrial organisms, the rate of breathing in aquatic organisms is:

(a) faster because they need more oxygen for their survival.

(b) faster because the amount of dissolved oxygen in water is fairly low.

(c) slower because the amount of dissolved oxygen in water is fairly low.

(d) slower because the capacity of water of dissolving atmospheric air is limited.

Q3. The process in which loss of water in the form of vapours from the aerial parts of plants takes place is X, which helps in Y. Here X and Y respectively are:

(a) transpiration and photosynthesis.

(b) transpiration and temperature regulation.

(c) translocation and movement of soluble products of photosynthesis in phloem.

(d) translocation and absorption of water and minerals from soil by roots.

Q4. Consider the following two statements:

(i) The trait that expresses itself in F<sub>1</sub> generation.

(ii) The trait that keeps on passing from one generation to another.

The appropriate terms for the statements (i) and (ii) respectively are:

(a) Recessive trait, Dominant trait (b) Dominant trait, Recessive trait

(c) Dominant trait, Inherited trait (d) Recessive trait, Inherited trait

Q5. List the events in proper sequence that take place during the process of photosynthesis.

Q6. Name the glands present in the wall of the stomach that release secretions for digestion of food.

Write the three components of secretion that are released by these glands.

Q7. What are the functions of the liver and the pancreas?

Q8. What are (i) stomata and (ii) lenticels?

- Q9. What is the name given to the process of using the absorbed food for producing energy?
- Q10. What will happen to a plant if its Xylem is removed?
- Q11. When we breathe out, why does the air passage not collapse?
- Q12. Herbivores have longer small intestine while carnivores have shorter small intestine. Give reason.
- Q13. Write the functions of the two upper chambers of the human heart.
- Q14. What is heredity?
- Q15. Name the plant on which Mendel performed his experiments.
- Q16. Define Variation.
- Q17. What is a sex chromosome?
- Q18. How is sex determined in human beings?
- Q19. All the variations in a species do not have equal chances of survival. Why?
- Q20. A Mendelian experiment consisted of breeding pea plants bearing violet flowers with pea plants bearing white flowers. What will be the result in F1 progeny?
- Q21. Assertion (A): The sex of a child in human beings will be determined by the type of chromosome he/she inherits from the father.  
Reason (R): A child who inherits 'X' chromosome from his father would be a girl (XX), while a child who inherits a 'Y' chromosome from the father would be a boy (XY).
- (a) Both (A) and (R) are true and (R) is the correct explanation of the assertion (A).  
(b) Both (A) and (R) are true, but (R) is not the correct explanation of the assertion (A).  
(c) (A) is true, but (R) is, false.  
(d) (A) is false, but (R) is true.
- Q22. Why is the progeny always tall when a tall pea plant is crossed with a short pea plant?
- Q23. Write a difference between inherited traits and acquired traits giving one example of each.
- Q24. Why did Mendel carry out an experiment to study inheritance of two traits in garden pea?
- Q25. Explain Mendel's experiment with peas on inheritance of characters considering only one visible contrasting character.
- Q26. Explain Mendel's experiment with peas on inheritance of characters considering two visible contrasting character.

## Geography-

- Compare the resources of Haryana with Manipur ----- Water resources ,Mineral and Soil
- Attached map of soil type found in Haryana and Manipur
- Make the project showing consumption and conservation of resources in your locality .
- Read 1st and 2nd lesson and learn 1st chapter of Geography
- Make a project on endangered species ( wildlife)

## HISTORY-

- Read 1st and 2nd lesson ( Nationalism in Europe, Nationalism in India)
- Learn 1st chapter ( Nationalism in Europe )
- Compare the Nationalism in Europe and India.

### CH – 2 Map skills

1. A place associated with the calling off the Non Cooperation Movement.
2. Place associated with the Civil Disobedience Movement.
3. A place associated with the Movement of indigo planters.
4. JalliawalanBagh incident
5. A place associated with the cotton mill workers' satyagraha.
6. A place associated with the peasant satyagraha
7. Congress session-1920
8. Congress session-1927
9. Congress Session -1920
10. Congress Session -1929

### CH – 1 Map Skills

1. Axis power and Allied power
2. Ottoman Empire
3. Habsburg Empire
4. Austrian Empire
5. Kingdom Of two Sibilies

## DEMOCRATIC POLITICS-

Ch-1 Power sharing Read and learn

**Activity: Read any newspaper for one week and make clippings of news related to ongoing conflicts on wars.**

## ECONOMICS-

**Calculate BMI (Body Mass Unit) of family members and neighbourhood**

Read and learn Chapter 1

## History-

Small answer type question

Que.1 What was the main aim of the French revolution?

Que. 2 What was the major change that occurred in the political and constitutional scenario due to French revolution in Europe ?

Que.3 Name the custom union formed at the initiative of Prussia in 1934.

Que.4 Who was proclaimed the German emperor in 1918?

Que.5 Who remark "when France sneezes the rest of Europe catches cold"?

Que.6 Name the treaty of 1832 that recognized Greece as an independent nation.

Que. 7 Name the event that mobilized nationalist feelings among the educated elite across Europe in 1830-1848?

Que.8 What was the main aim of revolutionary of Europe during the years following 1815?

Que.9 When did the France revolution take place ? Explain its impact on Europe.

Que. 10 Explain any four reasons how the initial enthusiasm for the people of France soon turned to hostility after Napoleon's takeover of France.

Que.11 Explain the concept of economic liberalism which developed in the 18th century.

Que. 12 Explain the conditions that were viewed as obstacles to the economic exchange and growth by the new commercial classes during the 19<sup>th</sup> century in Europe.

Que.13 Who was Otto von Bismarck explain his role in the unification of Germany.

Que.14 Like Germany Italy too had a long history of political fragmentation. Justify.

Que. 15 In Britain the formation of the national states was not the result of a sudden upheaval or a revolution. Elaborate with the help of situated examples

Que.16 Enumerate I need three features of the conservative regime set up in Europe following the defeat

of Napoleon in 1815.

## Geography-

Que.1 What is the importance of natural resource? Why is it necessary to conserve them?

Que.2 What is the role of humans in resource development?

Que.3 What are renewable resources? Give two examples

Que.4 What are Non-renewable resource? Give two examples.

Que.5 Planning of resources is very important for a country like India. Justify by giving three reasons?

Que.6 "India is rich in certain type of resources but deficient in some other resources." Support your answer with examples?

Que.7 How over irrigation and mining lead to land degradation?

Que. 8 How is over irrigation responsible for land degradation? Which states of India face this problem?

## Economics-

Que.1 What is meant by sustainability of development? (Board Question)

Que.2 Why do we use averages? Are there any limitations to their use? Illustrate with your own examples

related to development. (NCERT Question) 5

Que.3 Define mortality rate, Literacy rate, Net attendance ratio, BMI

Que.4 What is Human Development Index? (2013) What may be development for one may not be development for the other." Explain with a suitable example. (Board Question)

**Activity :- Calculate the BMI of at least 10 members surrounding you and analyse the health status of people. Also explain the reasons for the result.**



- 1) ਅਣਡਠੀ ਪੈਰ੍ਹੇ- ਪੇਜਨੰਬਰ 241 (1,2)
- 2) ਅਣਡਠੀਕਾਵੀ ਟੁੱਕੜੀ-ਪੇਜਨੰਬਰ 250,251 (5,6)
- 3) ਚੀਤਰ ਵਰਨਣ- ਪੇਜਨੰਬਰ 330(6), 331(8)
- 4) ਮੇਰੇਜੀਵਨਦਾਉਦੇਸ਼ ਤਸਵੀਰ ਸਹਤਿਲਖਿ।
- 5) ਲੇਖ – 1) ਚੰਗੇ ਵਦਿਆਰਥੀ ਦੇ ਗੁਣ।  
2) ਮਨ ਜੀਤੇ ਜਗ ਜੀਤ

6) ਪੱਤਰ- 1) ਤੁਹਾਡੇ ਮੀਤਰ ਦਾ ਸਵੈ ਵਸ਼ਿਵਾਸ ਘਟ ਰਹਿਾ ਹੈ। ਚੀਠੀ ਲਖਿ ਕੇ ਉਸ ਨੂੰ ਇਸ ਨਰਿਬਲਤਾ ਬਾਹਰ ਆਉਣ ਦੀ ਪ੍ਰੇਰਨਾ ਦਓ।

2) ਟਰਾਂਸਪੋਰਟ ਨਰਿਗਮ ਦੇ ਪ੍ਰਧਾਨ ਨੂੰ ਆਪਣੀ ਨਵੀ ਬਣੀ ਕਲੋਨੀ ਤੋ ਬੱਸ ਸੇਵਾ ਚਾਲੂ ਕਰਨ ਦੀ ਲਈ ਬੇਨਤੀ ਪੱਤਰ ਲਖਿ। ਸਾਰਾਕੰਮਗਤੀਵੀਧੀਵਾਲੇਰਜਸਿਟਰਵਚਿਕਰਨਾਹੈ।

7) ਪਾਠ- ਕੁਲਫੀ ,ਜਫਰਨਾਮਾ, ਸੋ ਕਉ ਮੰਦਾ ਆਖੀਐ ,ਘਰ ਦਾ ਪਆਰ। (ਯਾਦਕਰੋ।)

8) ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ੳ,ਅ,ੲ,ਸ,ਹ ) ਯਾਦਕਰੋ।

9) ਮੁਹਾਵਰੇ ( ਕ,ਖ ) ਯਾਦਕਰੋ।

10) ਇੱਕ ਟੈਸਟ ਬਣਾਓ। ( 25 ਅੰਕਦਾ )

## INFORMATION TECHNOLOGY

Unit:1 (Communication Skills) Part – A

Unit: 1 (Digital Documentation) Part - B

Write the Assignment Q/A in Note book.

Learn all Check Point and Solution Time above given Unit

**Subject Enrichment Activity:** Prepare Presentations on the Topic:

1. Communication Skills (Approximate ten slide in each presentation)
2. Prepare activity prescribed in you reference book.

**Art Integrated Activity:** Prepare a Presentation on Topic:

1. Comparison of Haryana and Manipur

### Class- X- (Computer)

**Activity:** 1. Create a Birthday Party Invitation in Word Processor. (Colorful)

2. Create A Sample Letter in Word Processor with these setting:

Font Name: Verdana      Font Size: 14      Font Color: Blue

Line Spacing: 1.5 lines

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