



# ANAND PREP/PUBLIC SCHOOL

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## *Holiday Assignment*

### Class – X

#### Instructions for the Holiday Assignment

**Helping your child with his homework doesn't mean doing it for him!**

- Use Holiday Homework as an opportunity to spend quality time together. Let your child take the lead and use his/her imagination, creativity and knowledge to do the assigned task. The role of the parent is to be a facilitator and guide to steer the child in the right direction. He/ She will find his own destination. Original work of students will receive greater recognition and appreciation.
- **Improve Your Writing**  
Write one page English and one page Hindi handwriting every alternate day. We would love to see your writing practice notebook after summer vacations. You may copy from any book or write a passage on your own.
- **Develop Reading Habit**  
Reading is a very good habit that one needs to develop in life. Once you start reading, you experience a whole new world .Reading develops language skills and vocabulary. Reading books is also a way to relax and reduce stress. So I would like to tell all the students that read English and Hindi story books , newspaper etc. You can also download E -books .
  - **Note: -** Holiday assignments carry extra marks in assessment (Subject enrichment). You have to maintain proper school notebooks for all the work done. Follow the guidelines given by teachers to complete specific activities. Submission of work post vacation is compulsory for all students.
  - **Read and revise all subjects covered till date for Periodic Assessment –I.**

We wish you all the best for your vacation. Have fun and enjoy it. I hope you enjoy every moment of your vacation.

***Take care of yourself.***

## Science

<b>Biology</b>	
1.	Describe the process of nutrition in amoeba. Draw label diagram to show various steps in the nutrition in amoeba.
2.	How do carbohydrates, fats and proteins get digested in human beings?
3.	What are the different modes of Nutrition? explain with example of each mode of nutrition.
4.	How do guard cell regulate the opening and closing of stomata?
5.	Why is small intestine in herbivores longer than Carnivores?
6.	Draw a labelled diagram of human digestive system. With the help of this diagram describe the process of digestion of food in humans.
7.	What is dental plague? How can the formation of plaque can be prevented?
8.	Write down the experiment to show that sunlight is necessary for the process of photosynthesis.
9.	Name the various factors which affect the rate of photosynthesis in plants.
10.	What will happen to the rate of photosynthesis in a plant under the following circumstances
	a) Gathering of dust On The Leaves.
	b) No rainfall in the area for a considerable time.
	c) Cloudy day in morning but bright sunshine in afternoon.
<b>Physics</b>	
1.	Any 30 numerical questions based on mirror formula.
2.	Write the all theories of light.
3.	Ray diagram of image formation by mirror. (concave, convey, plane) (9 ray)
<b>Chemistry</b>	
1.	Explain the types of chemical reactions mentioned in NCERT Book and write at least 5 examples of each.
2.	Write all the activity from 1.1 to 1.9 with appropriate diagram from NCERT.

## Hindi

	1. एक पतला कॉपी खरीदना है । 2. एक चार्ट पेपर खरीदना है । 3. सुंदर और शुद्ध लिखना है ।
1.	पाठ – 11 बालगोबिन भगत पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (✓) का निशान लगाना है ।
2.	वृत्तिका – पाठ – 1 माता का अंचल पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (✓) का निशान लगाना है ।
3.	विभिन्न अन्य स्रोतों के माध्यम से 'अलंकार' के सभी भेदों का तीन-तीन उदाहरण लिखना है ।
4.	'आज के समय में गुरु और शिष्य का संबंध' – चार्ट पेपर पर सुंदर ओर शुद्ध रूप से 100 से 120 शब्दों में चित्र के माध्यम से लिखना है और उसमें रंग सजाना है ।

## Mathematics

1.	Do Ch – 1 (Number system) (NCERT)
2.	Do Ch – 2 (Polynomials) (NCERT)
3.	And trigonometry from NCERT (in separate copy or fair copy)
4.	Repeat trigonometry identities Ex-13(A) from RS Aggarwal Book.

## English

1.	Prepare 25 multiple choice questions from the story (a) long walk to freedom (b) a letter to got. Where to do – A-4 size sheet. Parameters – Accuracy, content, Authentication
2.	Write a script on any social issue. It should be divided into IV scences. Name of the characters should be written on a different page. Where to do – A-4 Size sheet.
3.	Describe one of the following proverbs in your own words. You should also add pictures to make it creative. The pen is mightier than the sword 'No pen No gain'
4.	Write down the synonym of difficult words starting 2 chapter of 'Footprint without feed'.
5.	Do one formal notice and one article on any current issue in A-4 size sheets, and make it innovation and creative by your own skills.
	Note – Insert all the sheets in a folders.

## SST

1.	Draw a map of India and indicate the mojour resources of each state.
2.	What kinds of right ensures in consumes protection act 1986.
3.	Write a short note on Decentralisation of power.
4.	Write a short note on situation of contemporary world after India's Independence.

## Sanskrit

1.	पाठ – प्रथम, द्वितीय, तृतीय का अभ्यास कार्य लिखे एवं याद करें ।
2.	व्याकरण – संधि (व्यंजन एवं विसर्ग) से बीस-बीस उदाहरण लिखें ।
3.	पर्यावरण प्रदूषण इति विषये दश वाक्यानि चित्रेण सह लिखत ।